

Whole Life Carbon Report Lanwades Woodland Park

Client: Lochailort Kentford Ltd Author: Robert Holbrook

www.environmental-economics.co.uk

Revision History

| Version | Date Issued | Issued by | QA Check |
|---------|-------------|----------------------------|-----------------------------------|
| 1 | 12/03/2025 | Robert Holbrook BSc MSc | Tim James C.Eng MCIBSE BSc MSc |

About Environmental Economics

Our team of experienced consultants specialise in construction and building energy. We have qualifications in sustainability, energy, engineering, building physics and construction as well as environmental, quality management and auditing.

We develop flexible, practical, cost-effective specifications for our clients through identifying solutions and delivering design advice. This includes the following disciplines:

- Energy Reports
- Sustainability Statements
- Compliance assessments and advice covering
 - Part L (SAP) & Future Homes Standard
 - Part F (ventilation)
 - Part G (water)
 - Part O (overheating)
- Overheating TM59 dynamic modelling
- Overheating simple method
- Life cycle carbon assessments
- Net zero carbon assessments
- BREEAM
- SBEM (existing and new build)
- Minimum Energy Efficiency Standards (MEES)
- Thermal Bridging (Psi value calculations)

Environmental Economics Ltd 8 Cardiff Road

Luton

Bedfordshire

LU1 1PP

T: 01582 544250 E: rob.holbrook@ee-ltd.co.uk W: www.environmental-economics.co.uk

Contents

| 1. E | xecutive Summary | .1 |
|--------------------------------------|--|----------------|
| 2. F | Project Overview | .2 |
| 2.1. 2.2. | Description of Site | .2 |
| | Derational Carbon | |
| 3.1. 3.2. | Assessment Methodology | .3 |
| 4. E | mbodied Carbon | . 5 |
| 4.1. 4.2. 4.3. 4.4. 4.5. | Assessment Methodology Whole Life Carbon Build Specification Whole Life Carbon Results | .6 .7 .8 |
| 5. C | Conclusion1 | 13 |
| Appe | ndix A – Proposed Site Layout1 | 14 |
| Appe | ndix B – Breakdown of Results1 | ٤5 |
| Appe | ndix C – Full Table of Data1 | 16 |

1. Executive Summary

- 1.1.1. Environmental Economics Ltd has been commissioned by Lochailort Kentford Ltd to prepare a Whole Life Carbon (WLC) Report for the residential site Lanwades Woodland Park.
- 1.1.2. This assessment has been carried out in accordance with the latest published RICS Whole Life Carbon Assessment for the Built Environment Guidance (2nd Edition, July 2024). Whole Life Carbon calculations within this report align with the latest RICS methodology and guidance.
- 1.1.3. The assessed residential build specification shows an embodied carbon benchmark rating of B, showing that the current assumed build specification is of a high standard, as shown in Figure 1 below:

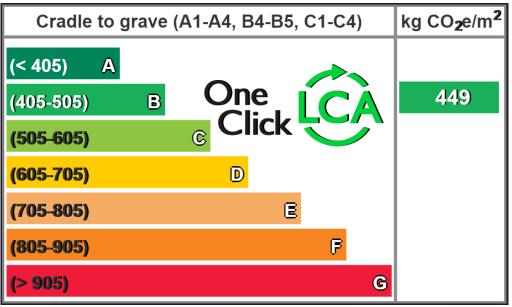


Figure 1 - Embodied Carbon benchmark

- 1.1.4. More detail on embodied carbon benchmarks can be found in section 4.4 below.
- 1.1.5. Results show that operational carbon is expected to be the highest source of emissions, making up 58.9% of total emissions, whilst cradle to grave embodied carbon emissions are responsible for 41.1% of emissions. This is based on an assumed build specification at present and can be reduced through targeted product specification as the detail of build specification is progressed.
- 1.1.6. The build specification of this development sets a high standard for WLC and is seen as an improvement on industry standard specifications.

2. Project Overview

2.1. Description of Site

- 2.1.1. The site proposal consists of the construction of approximately 1000 residential dwellings, along with several non-domestic buildings including retail units, a care home, a school and office buildings.
- 2.1.2. The proposed site plan is shown in Appendix A.

2.2. Brief

- 2.2.1. Lochailort Kentford Ltd have commissioned a Whole Life Carbon Assessment for the site Lanwades Woodland Park to show how the embodied carbon associated with the development performs against industry standard benchmarks. Recommendations are included to show how the development can improve upon the embodied carbon emissions shown within this report.
- 2.2.2. This report seeks to address both operational and embodied carbon for the development and show how the scheme improves upon national standards.
- 2.2.3. Further details on the operational carbon can be found in the associated Energy and Sustainability Report for this development.
- 2.2.4. A sample house type has been assessed using the current residential build specification to show the WLC performance of the development.
- 2.2.5. Assessments in this report are based on the residential build specification, owing to the higher proportion of the development site which is to be residential in nature. Due to the sizing and nature of the non-residential aspects of this development, it is considered that the build specification is likely to be very similar to the residential build specification. It can therefore be assumed that the embodied carbon results per square meter will be highly consistent across the development as a whole.
- 2.2.6. Further assessments can be commissioned at a later date should the non-residential build specification diversify in any considerable amount when compared to the residential build specification.

3. Operational Carbon

3.1. Assessment Methodology

- 3.1.1. It is expected that the proposed dwellings for this development will fall under the Future Homes Standard Building Regulations. Currently, there is no modelling software available to test whether the sample house types will pass the future regulations. Therefore, SAP 10 methodology was used. The software provides several outputs, and based on the provided specification for this proposed development, we are able to assess the following areas for our calculations:
 - Building regulations compliance, including:
 - Carbon emissions (kg CO2/m2/year)
 - Primary Energy Demand (kWh/m2/annum)
 - Fabric Energy Efficiency (kWh/m2/annum)
 - Energy usage per year (kWh/annum)
 - Energy costs per year (£/annum)
 - More detailed breakdowns by end use (space heating, water heating, cooking, lighting, appliances)
- 3.1.2. Each of these outputs can be used in different ways to analyse the performance of the dwelling. The total regulated carbon emissions for each property is based upon:
 - Space heating;
 - Water heating;
 - Electricity for pumps and fans;
 - Electricity for lighting.
- 3.1.3. Part L 2021 requires all newbuild properties to be designed to operate space heating at lower temperatures to ensure suitability for heat pumps (AD-L, section 5.10). It is therefore a natural decision to adopt heat pumps to deliver space heating and hot water on this development.
- 3.1.4. SAP software is issued by independent software suppliers, and checked and approved on behalf of government by the Building Research Establishment (BRE).
- 3.1.5. Non-domestic units will be assessed using an approved SBEM software tool during detailed design.

3.2. Operational Energy Results

- 3.2.1. The combination of improved fabric specification and implementation of ASHP and dMEV for this particular development result in lower carbon missions than is required by national and local policy requirements.
- 3.2.2. Representative data from sample SAPs completed for the Energy and Sustainability Report for this development are used to show operational carbon emissions within the WLC assessment in this report.
- 3.2.3. Results show that whilst the operational emission rates are improved beyond the required levels, operational energy still makes up 58.9% of total carbon emissions of the representative house type.
- 3.2.4. Full details of the approach to operational energy and emissions can be found in the Energy and Sustainability Report for this development.

4. Embodied Carbon

4.1. Context

- 4.1.1. As building regulation requirements and decarbonisation of grid electricity make buildings more energy efficient, operational carbon emissions will make up a decreasing proportion of a development's emissions over time.
- 4.1.2. Whole Life Carbon (WLC) assessments are therefore becoming increasingly important to value engineer a development and reduce the carbon emissions associated with other aspects of a development, such as embodied carbon (emissions generated in producing materials).
- 4.1.3. Whilst not yet a requirement under Building Regulations or the West Suffolk Council Joint Development Management Policies Document (2015), WLC assessments are increasingly a requirement of local planning policy, most notably within the Greater London Authority (GLA) through its inclusion in the London Plan.
- 4.1.4. By assessing the WLC of the build specification for this development, Lochailort Kentford Ltd are pre-empting the wider adoption of WLC requirements and ensuring that they are meeting or exceeding the current WLC benchmarks.
- 4.1.5. The WLC assessments carried out will also allow for the value engineering of the build specification as the development progresses through detailed design stage. This will allow for the selection of materials with lower embodied carbon impacts whilst maintaining the high standards of fabric efficiency to contribute toward reduced operational carbon emissions.
- 4.1.6. Examples of this would be the assessment of insulation materials to allow for the selection of a high performing insulation product with lower embodied carbon emissions than the baseline material used at this stage.

4.2. Assessment Methodology

- 4.2.1. Environmental Economics have modelled a sample residential dwelling in a baseline masonry specification using One Click LCA software.
- 4.2.2. One Click LCA utilises a library of EPDs including product specific, manufacturer specific and generic Environmental Product Declarations (EPDs) in accordance with RICS guidance. Owing to the early stage of design at which this assessment was carried out, limited detail was available in relation to specific products which are to be utilised during construction. The closest applicable generic EPDs have therefore been used within the assessment to give an accurate representation of the build specification.
- 4.2.3. Further analysis of WLC using a more refined specification will be possible once products have been specified, allowing for a more accurate representation of embodied carbon emissions from the development.
- 4.2.4. One Click LCA assessments are aligned with the Royal Institute of Chartered Surveyors (RICS) Conventions and reports on RIBA life cycle stages A-C, as shown in Table 1 below:

| | Product Stage | | Consti Pro Sta | | | Us | se Sta | ge | | | End of Life Stage | | | | |
|---------------------|------------------|---------------|----------------------------|----------------------------|-------------------|-------------|--------|-------------|---------------|------------------------|-----------------------|-----------------------------|-----------|------------------|----------|
| Raw material supply | Transport | Manufacturing | Transport to building site | Installation into building | Use / application | Maintenance | Repair | Replacement | Refurbishment | Operational energy use | Operational water use | Deconstruction / demolition | Transport | Waste processing | Disposal |
| A1 | A2 | A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 |

Table 1 – RIBA life cycle stages for Whole Life Carbon analysis

- 4.2.5. Operational Carbon is considered within the WLC assessment, however greater detail can be found though SAP. More detail on operational carbon can be found in the Energy and Sustainability Report for this development.
- 4.2.6. The assessment is based on an assumed 60 year life-cycle for a building, in accordance with RICS PS 2023 guidance.

4.3. Whole Life Carbon Build Specification

- 4.3.1. The build specification utilised for the WLC assessment on Lanwades Woodland Park follows generic EPDs from the One Click LCA EPD library.
- 4.3.2. Assumptions have been made to allow for a complete assessment based on limited currently specified materials. These assumptions include a generic masonry wall build up following the dimensions of the house type assessed and generic roof construction. These are based on industry standards and can therefore be assumed to be accurate prior to specific materials being specified.
- 4.3.3. In depth bill of quantities are not currently available, so measurements and volumes of individual materials are based on the available drawings.
- 4.3.4. Table 2 below gives a breakdown of the overarching build constructions per build element:

| Element | Construction |
|-----------------------|--|
| Foundations | Concrete strip foundations with pre cast concrete trench blocks |
| Ground Floor | Concrete beam and EPC block flooring system with EPS insulation and screed overlay, laminate flooring finish |
| External Walls | Brick and mortar finish, Rockwool insulated cavity, Aircrete and mortar inner leaf, plasterboard on dabs, painted plaster finish |
| External Roof | Waterproof roofing system external finish with 500mm mineral wool insulation across joists |
| Intermediate Floor | Wooden I-joists, chipboard and carpet upper finish, plasterboard finished with plaster and paint ceiling finish |
| Internal Walls | Timber stud walls, plasterboard finished with plaster and paint |
| Windows | uPVC double glazed |
| External Doors | Wooden external door |
| Internal Doors | Wooden internal doors |
| Staircase | Quarter turn wood staircase |

Table 2 – Construction Specifications per Build Element

4.3.5. These constructions are based on industry standards and the most up to date information on build specification. Results can be updated for accuracy as build specification is progressed.

4.4. Whole Life Carbon Results

- 4.4.1. A sample residential dwelling has been assessed using the above methodology with the above build specification for the Lanwades Woodland Park development.
- 4.4.2. Figures 2 and 3 below shows the carbon emissions of the sample build specification per life-cycle stage:

Global warming potential - Non-Decarbonised scenario kg CO2e - Life-cycle stages

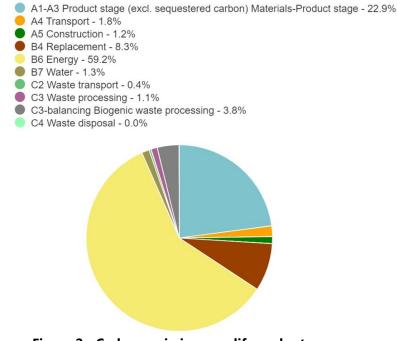


Figure 2 - Carbon emissions per life-cycle stage

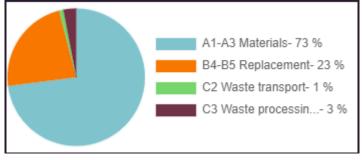
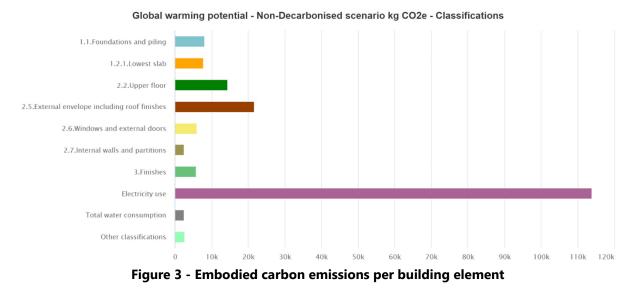


Figure 2 - Embodied carbon per life-cycle stage

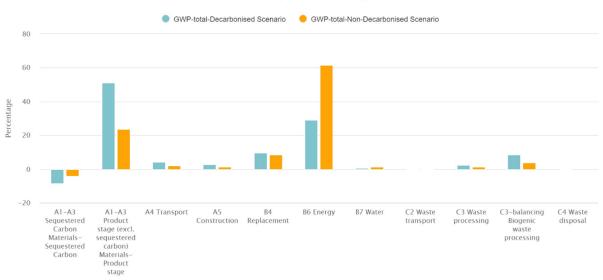
- 4.4.3. Figure 2 shows that the largest contributing factors to the overall emissions associated with this assessment are operational energy, which is assessed in detail in the Energy and Sustainability Report for this development.
- 4.4.4. Figure 3 shows embodied carbon emissions with operational emissions removed, which shows that RIBA stages A1-A3 are the most contributing factors in relation to embodied carbon.

- 4.4.5. This shows that the greatest savings in emissions can be made through improvements to the operational energy usage and the material specification used for the development. As the build specification evolves, materials can be selected which improve both the operational energy efficiency (in order to reduce B6) and the material embodied carbon (A1-A3).
- 4.4.6. For the purposes of this report, material embodied carbon (A1-A3) is the focus.
- 4.4.7. Figure 4 below shows which building elements have the greatest impact on embodied carbon emissions:



- 4.4.8. With the current build specification, it can be seen that the largest contributing material element (excluding operational use) is associated with the external envelope including rood finishes. It can therefore be seen that improvements can be made through the specification of lower impact materials utilised in these building elements.
- 4.4.9. The highest contributing materials to the WLC emissions are:
 - Lightweight concrete blocks;
 - Stone wool insulation;
 - Ready mix concrete;
 - Red brick;
 - Screed.
- 4.4.10. The present build specification utilised for this assessment utilises generic EPD data for the above building materials. As the build specification is progressed, it is recommended that higher performing materials are utilised for these elements. Recommendations can be found in section 4.5.

4.4.12. Figure 5 below shows how embodied carbon will differ based on both a decarbonised (based on grid decarbonisation assumptions over the life-cycle of the assessment) and non-decarbonised scenario (business as usual):



Results by life-cycle stage

Figure 4 - Decarbonised scenario (blue) vs. non-decarbonised scenario (orange)

- 4.4.13. Figure 5 shows that as grid electricity is predicted to continue decarbonising, the operational emissions associated with a building become a smaller proportion of overall emissions.
- 4.4.14. The predicted continuing decarbonisation of the grid greatly increases the benefits which can be gained from value engineering a build specification to reduce material embodied carbon.
- 4.4.15. Recommendation on how the development at Lanwades Woodland Park can reduce embodied carbon emissions can be found in section 4.5.
- 4.4.16. A more detailed breakdown of WLC results from the One Click LCA software can be found in Appendix B, whilst a full breakdown of all data used in the assessment can be found in Appendix C.
- 4.4.17. To show how the residential build specification for Lanwades Woodland Park compares to industry standard build specifications for the same or similar building types. One Click LCA software has been used to produce an embodied carbon benchmark rating, as show in Figure 1 on the next page:

| Cradle | to grave (| A1-A4, B4-B5, | C1-C4) | kg CO ₂ e/m ² |
|------------------------|------------|--------------------|------------|-------------------------------------|
| (< 405) | А | | | |
| (405-505) | В | One | C A | 449 |
| (505-605) | | _C Click | | |
| <mark>(605-705)</mark> | | D | | |
| (705-805) | | E | | |
| (805-905) | | | F | |
| (> 905) | | | G | |

Figure 5 - Embodied Carbon benchmark

- 4.4.18. The embodied carbon benchmark is calculated by comparing the assessed build specification to available data of the same or similar building types to produce a comparative ranking of how much embodied carbon is associated with the assessed specification.
- 4.4.19. The residential build specification that has been assessed for this development achieves an embodied carbon emission rating of 449 kgCO₂e/m². This level of embodied carbon emissions compares positively against the available data against which it has been compared, and is ranked as a B.
- 4.4.20. This comparatively low embodied carbon rating shows that the assessed build specification for this development can be considered a positive sustainable specification for residential dwellings.

4.5. Recommendations

- 4.5.1. As discussed in section 4.4, the highest contributing building elements are:
 - Lightweight concrete blocks;
 - Stone wool insulation;
 - Ready mix concrete;
 - Red brick;
 - Screed.
- 4.5.2. As generic EPDs have been utilised for these elements, there are several products within the One Click LCA EPD library which have a lower embodied carbon than those utilised in the assessment.
- 4.5.3. Product specific EPDs are available for several building materials including concrete blocks, ready mix concrete, red brick, screed and mortar which have lower embodied carbon associated with them. Specifying these products at detailed design stage will allow for a significant reduction in overall embodied carbon and improved WLC performance.
- 4.5.4. Several insulation products are available which perform better than stone wool insulation. Examples of this include PIR board, which performs over twice as well as the specified insulation for embodied carbon, and blown bead insulation which improves greatly upon stone wool.
- 4.5.5. A timber frame construction specification can also be considered. Timber frame construction would have a large improvement when compared to the concrete block construction associated with masonry dwellings. It is recommended that this is considered at detailed design stage.
- 4.5.6. These potential improvements to the build specification will be considered during detailed design stage and a finalised build specification will be agreed upon which reduces embodied carbon whilst maintaining low operational emissions.
- 4.5.7. It is recommended that a finalised build specification is assessed using One Click LCA to ensure a reduced embodied carbon impact to improve overall life-cycle performance of the development.

5. Conclusion

- 5.1.1. This Life Cycle Carbon Report has been produced for the proposed development at Lanwades Woodland Park.
- 5.1.2. Assessments were performed using the current available data and assumptions for the residential build specification at this development.
- 5.1.3. Results show that the development performs well in comparison to nationally available data for embodied carbon for the same of similar building types, with an embodied carbon benchmark rating of B.
- 5.1.4. It can be seen from the assessments used for this report that the most contributing building materials for embodied carbon are:
 - Lightweight concrete blocks;
 - Stone wool insulation;
 - Ready mix concrete;
 - Red brick;
 - Screed.
- 5.1.5. As build specification is developed through detailed design stage, it is recommended that embodied carbon of individual building materials and elements is considered in a holistic way in order to further reduce Whole Life Carbon costs. It is further recommended that the materials highlighted in section 5.1.3 above are focused on for value engineering the specification.
- 5.1.6. The site is found to present a positive sustainable development based on the assessed criteria.

March 25

Appendix A – Proposed Site Layout



Appendix B – Breakdown of Results

| Entity users | Project name | Design name | Indicator name |
|--|--|--|--|
| Rob Holbrook | Lanwades 4 bed detached | 2 - Baseline | Whole life carbon assessment, RICS - 2nd Edition |
| Section | Result category | Global warming potential - Decarbonised scenario kg CO2e | Global warming potential - Non-Decarbonised scenario kg CO2e |
| A0 | Pre-construction | | |
| A1-A3 Sequestered Carbon | Construction Materials-Sequestered Carbon | -7361.95 | -7361.95 |
| A1-A3 Product stage (excl. sequestered carbon) | Construction Materials-Product stage | 44143.48 | 3 44143.48 |
| A4 | Transportation to site | 3562.0 | 5 3562.05 |
| A4-leg1 | Transportation to site - leg 1 | 3559.04 | 3 3559.08 |
| A4-leg2 | Transportation to site - leg 2 | 2.97 | 2.97 |
| A5 | Construction/installation process | 2288.12 | 2 2288.12 |
| A5-1 | Pre-construction demolition | | |
| A5-2 | Site operations | | |
| A5-3 | Site waste | 2288.12 | 2 2288.12 |
| A5-4 | Transportation of workers to the site | | |
| B1 | Use phase | | |
| B1-1 | Carbonation | | |
| B1-2 | Refrigerant emissions | | |
| B2 | Maintenance | | |
| B3 | Repair | (|) 0 |
| B3a | Repair - materials | (|) 0 |
| B3b | Repair - transport | (|) 0 |
| B3b-leg2 | Repair - transport leg 2 | (|) 0 |
| B3c | Repair - waste | (|) 0 |
| B3d | Repair scenario | | |
| B4 | Material replacement and refurbishment | 8175.18 | 3 15998.07 |
| B4a | Material replacement - materials | 4682.3 | 5 9032.66 |
| B4b | Material replacement - transport | 695.12 | 2 1390.24 |
| B4b-leg2 | Material replacement - transportleg 2 | 2.44 | 4.88 |
| B4c | Material replacement-Eol | 2436.50 | 3 4872.77 |
| B4d | Material replacement -site waste | 358.69 | 697.52 |
| B6 | Energy consumption | 25104.0 | 5 113944.46 |
| B6-building | Energy impact-Building | 25104.0 | 5 113944.46 |
| B6-External works | Energy impact-External works | (| 0 |
| B7 | Water use | 510.70 | 2553.8 |
| B7-Essential | Water use-Essential Building | 510.76 | 3 2553.8 |
| B7-Other | Water use-Other Building | | |
| B7-Non-building | Water use- Non-building | | |
| C1-C4 | End of life | 9781.76 | 5 10119.61 |
| C1 | Deconstruction/demolition | | |
| C2 | Waste transport | 337.88 | 675.73 |
| C3 | Waste processing | 9390.47 | 7 9390.47 |
| C4 | Waste disposal | 53.41 | 53.41 |
| D | External impacts (not included in totals) | -3159.57 | |
| D | Installed Materials - benefit | -2609.1 | -5217.68 |
| A5-benefit | Construction site - material wastage - benefit | -95.66 | |
| A5m-benefit | Construction site - material use - benefit | | |
| B3-benefit | Repair - benefit | 0 |) 0 |
| B4-B5-benefit | Material replacement - benefit | -454.8 | -909.56 |
| D-reused | Benefit - reused as material | | |
| | | | |

Appendix C – Full Table of Data

Table of data starts on next page.

| Entity users Rob Holbrook | Project name | 2 - Baseine assessment, RICS | | | | | | | | | | | | | |
|---|--|--|--|--|-------------|---|--|------------------------|--------------|--------------|---|---|---|--|------------------|
| Rob Holbrook | anwades 4 bed detached | 2 - Baseline assessment, RICS 2nd Edition | | | | | | | | | | | | | |
| Section | Resource | User input Unit | Global warming potential - Decarbonised scenario kg | Global warming potential - Non- Decarbonised scenario kg Cge | Thickness m | Comment | Duilding element | integrated system type | Energy Usage | Construction | Resource type | Datasource | Name | Transformation process | s celMasterforma |
| A1-A3 Product stage (eecl. | fortar, 1:4 camerit sand mix (IStruct&) | 2.21m3 | 00.e 792.5 | 792.51 Foundation, sub-surface, basement and retaining wa | | Trench block mortar | 1.1.Foundations and piling | | | | Mortar (masonry/bricklaying) | The Structural Carbon Tool, v2.0 | Notar | | P2 4 |
| A1-A3 Product stage (eecl. | Precast concrete block, medium density solid, average stren | ga 6.96m2 | 845.43 | | | Trench blocks | 1.1.Foundations and piling | | | | Other precast concrete products | CE database December 2024, V4.0 | Precast concrete block, medium density solid, average strengt | | P2 |
| sequestered carbon) A1-A3 Product stage (eecl: sequestered carbon) | Ready-mix concrete, RC 25/30 (25/30 MPa), with Portland Intestone Cement (14% Limestone) | 20m3 | 5319.7 | 5319.73 Foundation, sub-surface, basement and retaining wa | a 20 | Strip foundations | 1.1.Foundations and piling | | | | Ready-mix concrete for foundations and internal i | a CE database August 2019, V3.0 | Ready-mix concrete | | P2 |
| A1-A3 Product stage (eac | contraction (of the Contraction) | | 6957.6 | | | | 1.1.Foundations and pilling | | | | | | | | |
| sequestered carbon) A1-A3 Sequestered Carbon | | | | | | | 1.1.Foundations and piling | | | | | | | | |
| A1-A3 Sequestered Carbon | Norter, 1:4 cement send mix (IStructE) Precest concrete block, medium density solid, average stren | 227,00 gh 6.96m3 | | 0 0 Foundation, sub-eurface, basement and retaining wa 0 0 0 Foundation, sub-eurface, basement and retaining wa | | Trench block morter Trench blocks | 1.1.Foundations and piling | | | | Mortar (mascrey/bricklaying) Other precast concrete products | The Structural Carbon Tool, v2.0 ICE database December 2024, V4.0 | wonar Precast concrete block, medium density solid, average strengt | | P2 P2 |
| A1-A3 Sequestered Carbon | Ready-mix concrete, RC 25/30 (25/30 MPa), with Portland imestone Cement (14% Limestone) | 20 mG | 6 | 0 0 Foundation, sub-eurface, basement and retaining wa | a 20 | Strip foundations | 1.1 Foundations and piling | | | | Ready-mix concrete for foundations and internal i | sKE database August 2019, V3.0 | Ready-mix concrete | | P2 |
| A1-A3 Sequestered | contraction (of the Contraction) | | | | | | 1.1.Foundations and piling | | | | | | | | |
| 44 | Aortar, 1:4 cament aand mix (IShucilia) | 2.21m3 | 93.1 | \$2.14 Foundation, sub-surface, basement and retaining water | 8 | Trench block mortar | 1.1.Foundations and piling | | | | Mortar (masonny/bricklaying) | The Structural Carbon Tool, v2.0 | Votar | | P2 |
| A4 | Precast concrete block, medium density solid, average stren Resolvants concrete, DC 25/10 (25/10 MDe), with Division! | an 6.96m2 | 285 | 205 Foundation, sub-eurface, basement and retaining was 229.80 Foundation, sub-eurface, basement and retaining was | | Trench blocks | 1.1 Foundations and piling | | | | Other precast concrete products Ready-mix concrete for foundations and internal o | ICE database December 2024, V4.0 | Precast concrete block, medium density solid, average strengt Ready-mix concrete | 1 | P2 |
| A4 | Ready-mix concrete, IRC 25/30 (25/30 MPa), with Portland imentione Carment (14% Limentone) | 20m3 | 229.8 | | a 20 | Ship foundations | | | | | | | Ready-mix concrete | | P2 |
| 453 | Nortar, 1:4 camerit sand mix (IStruct&) | 2.21 m3 | 36.0 | | | Trench block mortar Trench blocks | 1.1.Foundations and piling 1.1.Foundations and piling 1.1.Foundations and piling | | | | Mortar (mascrey/bricklaying) Other precast concrete products | The Structural Carbon Tool, v2.0 ICE database December 2024, V4.0 | Mortar Precast concrete block, medium density solid, average strengt | | P2 |
| 653 | recast concrete block, medium density sold, average stren Ready-mix concrete, RC 25/30 (25/30 MPa), with Portland | ign estera | 205.3 | | | linenda boloka Sitrip foundationa | 1.1.Foundations and piling | | | | | RCE database December 2024, VA.0 | Precast concrete block, medium density solo, average ithenge | | P2 |
| 453 | inestone Cement (14% Limestone) | 2010 | 200.0 | 555 A | 8 20 | | 1.1.Foundations and piling | | | | | | Heady-risk concrete | | 12 |
| 83 | Nortar, 1:4 cement sand mix (IStructE) Precast concrete block, medium density solid, average stren | 2.21m0 gh 6.96m0 | | 6 Foundation, sub-surface, basement and retaining was 6 Foundation, sub-surface, basement and retaining was | | Trench block mortar Trench blocks | 1.1.Foundations and piling 1.1.Foundations and piling | | | | Mortar (masonry/bricklay/ng) Other precast concrete products | The Structural Carbon Tool, v2.0 CE database December 2024, V4.0 | Mortar Precast concrete block, medium density solid, average strengt | | P2 |
| ** | and unit concrete DC 25/30 (25/30 MDe) with Doctand | 20-20-20 | | OFFENDERIN, Sub-surface, basement and retaining wa OFFENDERIN, sub-surface, basement and retaining wa | | Strip foundations | 1.1.Foundations and pling | | | | Ready-mix concrete for foundations and internal i | | Ready-mix concrete | | P2 |
| 83 | inestone Cement (14% Linestone) | 410 | | | | | 1.1.Foundations and pilling | | | | | | And print Concerns | | |
| 22 | fortar, 1:4 cement sand mix (IStructE) | 2.21m3 | 7.11 | 14 22 Foundation, sub-surface, basement and retaining wa | | Trench block mortar | 1.1.Foundations and piling | | | | Mortar (masonry/bricklaying) | The Structural Carbon Tool, v2.0 | Motar | Dumper truck, 19 ton capacity, 100% fill rat | |
| 22 | Precast concrete block, medium density solid, average stren | ga 6.96m2 | 14.5 | | | Trench blocks | 1.1.Foundations and piling | | | | Other precast concrete products | ICE database December 2024, V4.0 | Precast concrete block, medium density solid, average strengt | | 382 |
| C2 | Ready-mix concrete, IRC 25/30 (25/30 MPa), with Portland Imentone Cement (14% Limentone) | 20 m2 | 70.2 | | la 20 | Strip foundations | 1.1.Foundations and piling | | | | Ready-mix concrete for foundations and internal i | BKE database August 2019, V3.0 | Ready-mix concrete | Dumper truck, 19 ton capacity, 100% fill ra | 382 |
| 30 | Acraw, 1:4 cement aand mix (IStructE) | 2.21 m3 | 91.8 1.6 | 5 1.65 Foundation, sub-surface, basement and retaining way | | Trench block mortar | 1.1.Foundations and piling 1.1.Foundations and piling | | | | Mortar (masonry/bricklaying) | The Structural Carbon Tool, v2.0 | Votar | Concrete recycling, concrete crushing | P2 |
| 8 | Precast concrete block, medium density solid, average stren | ph 6.96m2 | 2.4 | | | Trench blocks | 1.1.Foundations and piling | | | | Other precast concrete products | ICE database December 2024, V4.0 | Precast concrete block, medium density solid, average strengt | Concrete recycling, concrete crushing | P2 |
| 8 | Ready-mix concrete, RC 25/30 (25/30 MPa), with Portland imestone Cement (14% Limestone) | 20+0 | 16.62 | 5 16.62 Foundation, sub-surface, basement and retaining wa | a 23 | Strip foundations | 1.1.Foundations and piling | | | | Ready-mix concrete for foundations and internal i | aKE database August 2019, V3.0 | Ready-mix concrete | Concrete recycling, concrete crushing | P2 |
| C3 C3-balancing | Aortar, 1:4 cement wand mix ((Structli) | 2.21m3 | 21.7 | 21.7 Grundation, sub-surface, basement and retaining water | | Trench block mortar | 1.1.Foundations and piling 1.1.Foundations and piling | | | | Mortar (mascery/bricklaying) | The Structural Carbon Tool, v2.0 | Notar | 1 | P2 |
| C3-balancing | Precast concrete block, medium density solid, average stren Ready-mix concrete, IRC 25/30 (25/30 MPa), with Portland | endeza nig | 4 | 0 0 Foundation, sub-surface, basement and retaining wa | | Trench blocks | 1.1.Foundations and piling | | | | Other precast concrete products | CE database December 2024, V4.0 | Precast concrete block, medium density solid, average strengt | 1 | P2 |
| C3-balancing C3-balancing | inestone Cement (14% Linestone) | 20+0 | | 0 0 Foundation, sub-eurface, basement and retaining wa | a 20 | Strip foundations | 1.1.Foundations and piling | | | | Ready-mix concrete for foundations and internal i | aKE database August 2019, V3.0 | Ready-mix concrete | | P2 |
| 0 0 | ilortar, 1:4 camerit sand mix (ISBrucili) | 2.21+0 | -39.64 | -79.33 Foundation, sub-surface, basement and retaining water | 8 | Trench block mortar | 1.1.Foundations and piling 1.1.Foundations and piling | | | | Mortar (maxony/bricklaying) | The Structural Carbon Tool, v2.0 | Motar | 1 | P2 |
| D | Precast concrete block, medium density solid, average stren | ga 6.96m2 | -221.10 | | | Trench blocks | 1.1.Foundations and piling | | | | Other precast concrete products | ICE database December 2024, V4.0 | Precast concrete block, medium density solid, average strengt | | P2 |
| 0 | Ready-mix concrete, IRC 25/30 (25/30 MPa), with Portland imestone Cement (14% Limestone) | 2010 | -395.2 | | a 23 | Strip foundations | 1.1.Foundations and piling | | | | Ready-mix concrete for foundations and internal | aKE database August 2019, V3.0 | Ready-mix concrete | 1 | P2 |
| Ĩ | | | 8012.2 | | | | 1.1.Foundations and piling 1.1.Foundations and piling | | | | | EPD UK manufactured Prevail Coversite Germed Prevail | | | + |
| A1-A3 Product stage (eecl. sequestered carbon) | Precast concrete ground beam, 2400 kg/m3 (British Precast | s 2.15m2 | 961.0 | d 961.02 Floor slabs, ceilings, roofing decks, beams and roof | | Fixor beams | 1.2.1 Lowest slab | | | | Structural concrete (beams, columns, piling) | BPD UK manufactured Precast Concrete Ground Bean Produced by members of the British Precast Architectu and Structural (BPAS) | Precast concrete ground beam | | P2 |
| A1-A3 Product stage (eecl, sequestered carbon) | nutation - EPS | 5.06m2 | 238.7 | 238.7 Pioor slabs, ceilings, roofing decks, beams and roof | | Floor EPS insulation under screed | 12.1 Lowest slab | | | | EPS (expanded polystyrene) insulation | FIEH WLC Conventions v1 | Insulation - EPS | | P7 |
| A1-A3 Product stage (eecl. sequestened carbon) &1-&3 Product stage (eecl. | Screed - Leveling | 5.06m2 | 4009.2 | 4803.28 Floor slabs, ceilings, roofing decks, beams and roof | | Floor screed | 1.2.1 Lowest slab | | | | Leveling screeds (for floors) | FHH WLC Conventions v1 | Screed - Leveling | | P2 |
| | naulation - EPS | 7.3m3 | 34.3 | 344.38 Floor slabs, ceilings, roofing decks, beams and roof | | Floor EPS blocks | 1.2.1 Lowest slab | | | | EPS (expanded polystyrene) insulation | FHH WLC Conventions v1 | Insulation - EPS | | P7 |
| sequestered carbon) A1-A3 Product stage (exc sequestered carbon) | | | 6412.2 | 6413.35 | | | 12.1 Lowest slab | | | | | | | | |
| sequestared carbon) | | | | | | | | | | | | EPD UK manufactured Precast Concrete Ground Beam | | | - |
| A1-A3 Sequestered Carbon | Precast concrete ground beam, 2400 kg/m3 (British Precast | 0 2.15m0 | • | 0 0 Floor slabs, ceilings, roofing decks, beams and roof | | Floor beams | 1.2.1 Lowest slab | | | | Structural concrete (beams, columns, piling) | EPD UK manufactured Precast Concrete Ground Beam Produced by members of the British Precast Architectu and Structural (BPAS) DBI BI C Comprehense of | Precast concrete ground beam | | P2 |
| A1-A3 Sequestered Carbon A1-A3 Sequestered Carbon | nutation - EPS Screed - Leveling | 5.06m3 5.06m3 | -0.85 | -0.00 Floor slabs, ceilings, roofing decks, beams and roof & Floor slabs, ceilings, roofing decks, beams and roof A Tore slabs, ceilings, roofing decks, beams and roof | | Floor EPS insulation under screed Floor screed | 12.1 Lowest slab 12.1 Lowest slab | | | | EPS (expanded polystyrene) insulation Leveling screeds (for floors) | FHH WLC Conventions v1 FHH WLC Conventions v1 | Insulation - EPS Screed - Leveling | | P7 P2 |
| A1-A3 Sequestered Carbon A1-A3 Sequestered | neutrion - EPS | 73+3 | -1.2 | | | Floor EPS blocks | 12.1.Lowest slab | | | | EPS (expanded polystyrene) insulation | FHH WLC Conventions v1 | Insulation - EPS | | P7 |
| Carbon | | | | | | | | | | | | GPD UK manufactured Precast Concrete Ground Bear | | | + |
| ** | Precast concrete ground beam, 2400 kg/m3 (British Precast | 2.15m3 | 548.2 | 148.28 Floor slabs, ceilings, roofing decks, beams and roof | | Fixor beams | 12.1Lowest slab 12.1Lowest slab | | | | Structural concrete (beams, columns, piling) | EPD UK manufactured Precast Concrete Ground Beam Produced by members of the British Precast Architectured and Structural (BPAS) DBI INI Comparison of | Precast concrete ground beam | | P2 |
| 54 54 | nuiston - EPS Streed - Leveling | 5.06 m2 5.06 m2 | 1.40 203.5 | 1.42 Floor slabs, ceilings, roofing decks, beams and roof 203.52 Floor slabs, ceilings, roofing decks, beams and roof | | Floor EPS insulation under screed Floor screed Floor EPS blocks | 12.1 Lovert slab 12.1 Lovert slab | | | | EPS (expanded polystyrene) insulation Leveling screeds (for floors) | Piel WLC Conventions v1 | Insulation - EPS Screed - Leveling Insulation - EPS | | P7 P2 |
| 84 84 | naulation - EPS | 7.3m3 | 2.1 355.3 | 2 1 Floor slabs, ceilings, roofing decks, beams and roof 4 355.3 | | Foor EPS blocks | 12.11.overt slab 12.11.overt slab | | | | SPS (expanded polystyrene) insulation | FIGH WLC Conventions v1 | Insulation - EPS | | - P7 |
| 450 | Precast concrete ground beam, 2400 kg/m3 (British Precast | s 2.15m2 | 11.2 | 11.28 Poor slabs, ceilings, roofing decks, beams and roof | | Fixor beams | 1.2.1 Lowest slab | | | | Structural concrete (beams, columns, piling) | ePO UK manufactured Precast Concrete Ground learn Produced by members of the British Precast Architectu and Structural (BPAS) | Procest concrete ground beam | | P2 |
| 453 | nuulation - EPS | 5.0640 | 27.6 | 27.01 Floor slabs, ceilings, roofing decks, beams and roof | | Floor EPS insulation under screed | 12.1Lowest slab 12.1Lowest slab | | | | EPS (expanded polystyrene) insulation | And Selectural (BPAS) Field WLC Conventions v1 | Insulation - EPS Screed - Leveling Insulation - EPS | | P7 |
| 453 | nuision - EPS | 73m3 | 40.1 | 40.11 Floor slabs, ceilings, tooling block, blains and roof 40.11 Floor slabs, ceilings, roofing decks, beams and roof 40.77 M | | Floor acreed Floor EPS blocks | 12.1.Lowest slab | | | | EPS (expanded polystyrene) insulation | PIPI WLC Conventions v1 | insulation - EPS | | P7 |
| 83 | Precast concrete ground beam, 2400 kg/m3 (British Precast | 2.15m0 | | 0 Floor slabs, ceilings, roofing decks, beams and roof | | Floor beams | 12.1 Lowest slab | | | | Structural concrete (beams, columns, piling) | EPD UK manufactured Precast Concrete Ground Beam Produced by members of the British Precast Architectures and Structures (BPAS) Friel WLC Conventions v1 | Precast concrete ground beam | | p2 |
| 80 | nulation - EPS | 5.00 10 | | OFFoor slabs, ceilings, roofing decks, beams and roof | | Floor EPS insulation under screed | 12.1 Lowest slab | | | | EPS (expanded polystyrene) insulation | and Structural (BPAS) FHH WLC Conventions v1 | Insulation - EPS | | P7 |
| 83 83 | Screed - Leveling neulation - EPS | 5.06m2 7.3m2 | | 6 Floor slabs, ceilings, roofing decks, beams and roof 6 Floor slabs, ceilings, roofing decks, beams and roof | | Floor screed Floor EPS blocks | 12.1 Lowest slab | | | | Leveling screeds (for floors) SPS (expanded polystyrene) insulation | FHH WLC Conventions v1 FHH WLC Conventions v1 | Screed - Leveling Insulation - EPS | | P2 P7 |
| 83 | | | | | | | 12.1 Lowest slab | | | | | EPD UK manufactured Precast Concrete Ground Bean | | | |
| C2 | Precast concrete ground beam, 2400 kg/m3 (British Precast | 2.1540 | 7.52 | 5 15.1 Floor slabs, ceilings, roofing decks, beams and roof | | Fitor beams | 12.1 Lowest slab | | | | Structural concrete (beams, columns, piling) | Produced by members of the British Precast Architectu and Structural (BPAS) | Procast concrete ground beam | Dumper truck, 19 ton capacity, 100% fill re | ##2 |
| 62 | nulation - EPS | 5.06m3 | 0.15 | | | Floor EPS insulation under screed | 12.1 Lowest slab | | | | EPS (expanded polystyrene) insulation | FHH WLC Conventions v1 | insulation - EPS | Trailer combination, 40 ton capacity, 100% Bi rate | Ap7 |
| 8 | Screed - Leveling | 5.06m2 | 15.52 | | | Floor screed | 12.1 Lowest slab | | | | Leveling screeds (for floors) | FIH WLC Conventions v1 | Screed - Leveling | Dumper truck, 19 ton capacity, 100% fill ra | a#2 |
| 62 | naulation - EPS | 7.3m3 | 0.21 | | | Floor EPS blocks | 12.1 Lowest slab | | | | EPS (espanded polystyrene) insulation | FIEH WLC Conventions v1 | Insulation - EPS | Trailer combination, 40 ton capacity, 100% 61 rate | ⁴ 97 |
| | Precast concrete ground beam, 2400 kolm3 (British Precast | 2.15+0 | 22.4 | | | Floor beams | 12.1 Lowest slab | | | | Structural concrete (beams, columns, piling) | EPD UK manufactured Precast Concrete Ground Bear Produced by members of the British Precast Architectu | Precast concrete ground beam | Concrete recycling, concrete crushing | |
| | Precast concrete ground beam, 2400 kg/m3 (British Precast Insulation - EPS | 2.1510 | 1.8 | | | Floor beams Floor EPS insulation under screed | 12.1.Lowest slab | | | | | Produced by members of the British Precast Architectu and Structural (BPAS) DBM WI C Conventions v1 | Recart concrete ground beam Insulation - EPS | During the second secon | P7 |
| 102 | Screed - Leveling neurosco - CPS | 5.05 40 | 156.7 | 156.7; Roor slabs, ceilings, roofing decks, beams and roof 1.66 Roor slabs, ceilings, roofing decks, beams and roof 2.06 IE Boor slabs, ceilings, motion decks, beams and roof 1.00 IE Boor slabs, ceilings, motion decks, beams and roof | | Floor acreed | 12.1 Lowest size | | | | EPS (expanded polystyrene) insulation Leveling screeds (for floors) EPS (expanded polystyrene) insulation | Field WLC Conventions v1 | Screed - Leveling | Concrete recycling, concrete crushing DVC conducts incidentifico | P2 |
| a | | 1.000 | 200.4 | 200. option same, carrige, roomy of CK, DBITE and FOF 200.40 | | | 12.1 Lowest slab | | | | на и спорт ими разриучени станий? | CDD 11K manufactured Darrad Coverally Council Room | | · · · · · · · · · · · · · · · · · · · | 4 |
| C3-balancing | Precast concrete ground beam, 2400 kg/m3 (British Precast | s 2.15m2 | • | 0 Floor slabs, ceilings, roofing decks, beams and roof | | Floor beams | 12.1 Lowest slab | | | | Structural concrete (beams, columns, piling) | EPD UK manufactured Precast Concrete Ground Beam Produced by members of the British Precast Architectu and Structural (BPAS) | Precast concrete ground beam | | P2 |
| C3-balancing C3-balancing | neulation - EPS Greed - Laveling | 5.0610 | 0.85 | 0 0.85 Floor slabs, ceilings, roofing decks, beams and roof 0 Floor slabs, ceilings, roofing decks, beams and roof | | Floor EPS insulation under screed Floor screed | 12.1 Lowest slab 12.1 Lowest slab | | | | EPS (expanded polystyrene) insulation Leveling screeds (for floors) | FIGH WEC Conventions v1 FIGH WEC Conventions v1 | Insulation - EPS Screed - Leveling | 1 | P7 P2 |
| C3-balancing C3-balancing C3-balancing | rdreed - Leveling neutrion - EPS | 73+0 | 12 | 127 Foor state, cellings, rooning decks, beams and roof 127 Foor states, cellings, roofing decks, beams and roof 4 9 44 | | Floor EPS blocks | 12.1 Lowest slab 12.1 Lowest slab 12.1 Lowest slab | | | | Leveling screeds (or noors) EPS (expanded polystyrene) insulation | FHH WLC Conventions v1 | screed - Leveling Insulation - EPS | | \$7 |
| D | Precast concrete ground beam, 2400 kg/m3 (British Precast | 2.15m2 | -115.0 | 2.58 -229 SB Floor slabs, ceilings, roofing decks, beams and roof | | Floor beams | 12.1 Lowest slab | | | | Structural concrete (beams, columns, piling) | EPD UK manufactured Precast Concrete Ground Bear Produced by members of the British Diverset America | Precast concrete ground beam | | P2 |
| | necasi concrete ground beam, 2400 kgm3 (anten Precas) Insulation - EPS | 5.00-10 | | -229.949-007 sabs, ceange, roomg secks, seams and roof -110.2 Floor slabs, ceilings, roofing decks, beams and roof | | Floor EPS insulation under screed | 12.1.Lowest slab | | | | EPS (expanded polystyrene) insulation | EPD UK manufactured Precast Concrete Ground Bean Produced by members of the British Precast Architectu and Structural (BPAS) FIRH WLC Conventions v1 | Insulation - EPS | l | P7 |
| 0 | Screed - Leveling Insulation - EPS | 5.0610 | -54.25 -60 -87.41 | -118.0 =Nor labor, calings, itomic deck, barris and roof -100.04Floor labor, calings, iroding decks, bears and roof -170.52 Floor slabs, calings, roding decks, bears and roof | | Floor screed Floor screed Floor EPS blocks | 12.1 Lowest slab | | | | Loveling acreeds (for floors) Leveling acreeds (for floors) EPS (expanded polystyrene) insulation | Ref WLC Conventions v1 Ref WLC Conventions v1 Ref WLC Conventions v1 | Inclusion - Lo-S Screed - Leveling Insulation - EPS | 1 | P2 P7 |
| 0 | | | 7641.4 | 7691.91 | | | 121Lovet slab 121Lovet slab 121Lovet slab | | | | , , exception contact | | | | + |
| A1-A3 Product stage (eecl. sequestered carbon) | Board - Chipboard | tea | 295 | 5 299 Floor slabs, ceilings, roofing decks, beams and roof | | Chipboard first floor | 2.2.Upper floor | | | | Particleboard | FHH WLC Conventions v1 | Board - Chipboard | | 25 |
| A1-A3 Product stage (eecl. sequestered carbon) | loard - Plasterboard | 2m3 | 540 | | | Plasterboard for ceilings | 2.2.Upper floor | | | | Regular gypeum board | FIH WLC Conventions v1 | Board - Planterboard | | P232 |
| A1-A3 Product stage (eecl. sequestered carbon) | Broadloom carpet with nylon 6.6 pile material, 2.43 kg/m2, maximum surface pile weight 1000 g/m2 (One Click LCA) | 67.48m2 | 686.2 | | | First floor carpet | 2.2.Upper floor | | | | Carpet flooring | One Click LCA | Broadcom carpet with rylon 6.6 pile material | | P7 |
| A1-A3 Product stage (eecl. sequestered carbon) | aminate flooring, 8.8 kg/m2 (Kronospan Ltd.) | 67.48m2 | 439.00 | | | Ground floor laminate | 2.2.Upper floor | | | | Laminate fooring | 6PD Laminate Flooring | Laminate flooring | | P7 |
| A 1-A3 Product stage (sect. sequestered carbon) | ioists - Engineered timber | 228m | 903 | 9 905 Floor slabs, ceilings, roofing decks, beams and roof | | First floor and ceiling joints | 2.2.Upper floor | | _ | | Plain wood/limber (softwood and hardwood) | FIH WLC Conventions v1 | Joiets - Engineered timber | | PS |
| sequestered carbon) | Naste mineral wool (One Olick LCA) | 294kg | 36 | 2 3.62 Floor slabs, ceilings, roofing decks, beams and roof | | 500mm mineral wool in loft | 2.2.Upper floor | | | | Glass wool insulation | One Click LCA | Waste mineral wool | | P3 |
| A1-A3 Product stage (eac sequestered carbon) | | | 2931.0 | 2938.83 | | | 2.2.Upper floor | | Т | | | | | | |
| A1-A3 Sequenteed Carbon | Soard - Chipboard | 100 | -1005 | Hoor slabs, ceilings, roofing decks, beams and roof | | Chipboard first floor | 2.2.Upper floor | | | | Particleboard | FIGH WLC Conventions v1 | Board - Chipboard | | 8 |
| A1-A3 Sequestered Carbon A1-A3 Sequestered Carbon | acaro - Haaterboard Broadcom carpet with nylon 6.6 pile material, 2.43 kg/m2, | 2 m3 67.48 m2 | | O O O O O O O O O O O O | | Plasterboard for callings First floor carpet | 2.2.Upper floor 2.2.Upper floor | | | | Regular gypeum board Carpet flooring | FIEH WLC Conventions v1 One Click LCA | Board - Plasterboard Broadcom carpet with nylon 6.6 pile material | 1 | #202 P7 |
| A1-A3 Sequenteed Carbon | Saard - Plasterboard Broatloom carpet with nylon 6.6 pile material, 2.43 kg/m2, naximum surface pile weight 1000 g/m2 (One Click LCA) animate flooring, 8.8 kg/m2 (Wonospan Ltd.) Iolats - Engineered timber | 67.40 12 | -1149.7 | -1140.77 Enistes and coverings -1140.77 Enistes and coverings -17383 Elicor stabs, ceilings, trofing decks, beams and roof | | Ground foor laminale | 2.2.Upper floor | | | | Laminate fooring Plain wood/limber (softwood and hardwood) | CPD Laminate Flooring FHH WLC Conventions v1 | Laminate flooring Joints - Engineered Ember | | \$7 |
| A1-A3 Sequestered Carbon A1-A3 Sequestered Carbon | nema - as gitterred timber Naste mineral wool (One Olick LCA) | 22193 2944g | -1789.1 | D Floor slabs, ceilings, roofing decks, beams and roof | | reas and rand ceang joints 500mm mineral wool in loft | 2.2.Upper floor 2.2.Upper floor 2.2.Upper floor | | | | r was exclutioner (softwood and hardwood) Glass wool insulation | One Click LCA | wwww/grietera snor | 1 | P3 |
| Carbon | and Childrend | | -2940.0 | -3948.55 | | Chickensed Freed Frees | 2.2.Upper floor | | | | Desichberg | Datum C Committee of | Torrel Chinksond | | ~ |
| A4 | kaard - Chipboard Saard - Plasterboard Incedicom carpet with nylon 6.6 pile material, 2.43 kg/m2, | 2 40 | 18.9 | 18.00 Floor slabs, ceilings, roofing decks, beams and roof 26.80 Floor slabs, ceilings, roofing decks, beams and roof | | Plasterboard for cellings | 2.2.Upper floor 2.2.Upper floor | | | | Particleboard Regular gypeum board | FIGH WLC Conventions v1 | Board - Chipboard Board - Plasterboard | 1 | P222 |
| A4 | Incadicom carpet with nylon 6.6 pile material, 2.43 kg/m2, naximum surface pile weight 1000 g/m2 (One Click LCA) aminate flooring, 8.8 kg/m2 (Vonospan Ltd.) | 67.48m2 | 2.9 | | | First floor carpet | 2.2.Upper floor | | | | Carpet flooring | One Click LCA | Broadloom carpet with rylon 6.6 pile material | | P7 |
| 44 | aminate ficering. 8.8 kg/m2 (Kronospan Ltd.) Iolats - Engineered timber | 07.48192 22849 | 214.21 26.92 | 214.21 Finishee and coverings 26.99 Floor stabs, ceilings, roofing decks, beams and roof | | First floor and ceiling joints | 2.2.Upper floor 2.2.Upper floor | | | | Laminate flooring Plain wood/timber (softwood and hardwood) | EPD Laminate Flooring FIH WLC Conventions v1 | Laminate flooring Jolets - Engineered timber | 1 | P5 |
| | | | | | | | | | | | | | | | |

| er F | Binds winned and One Olds I CA | | | | Provide and a start of the start of the start of the | | 200-mar and an and in 1-10 | 10 Denne finne | | | Place and invities | Des Click 1 Ch | Name and and | | In I | |
|---|--|--|--|---|--|--|--|--|---|---|--|--|---|---|--|---|
| 44 | | | 244 | 295.0 | | | | 2.2.Upper floor 2.2.Upper floor 2.2.Upper floor 2.2.Upper floor | | | | | | | Ê – | |
| 453 8 | active - Unpolice Board - Plasterboard | | 10 24.1 | 24.1 | Floor stabs, cellings, roofing decks, beams and roof Floor stabs, cellings, roofing decks, beams and roof | | Plasterboard for ceilings | 2.2.Upper foor 2.2.Upper foor | | | Particitations Regular gypeum board | FHH WLC Conventions v1 | Board - Chipboard Board - Plasterboard | | P222 | |
| A53 B | Broadisom carpet with nylon 6.6 pile material, 2.43 kg/m2, maximum surface pile weight 1000 g/m2 (One Click LCA) Laminate flooring, 8.8 kg/m2 (Kronospan Ltd.) | 67.4 | 61.7 | 61.73 | Finishes and coverings | | First floor carpet Ground floor laminate | 2.2.Upper floor 2.2.Upper floor | | | Carpet flooring | One Click LCA | Broadcom carpet with nylon 6.6 pile material | | P7 | |
| ASI 1 | Laminate flooring, B.B kg/m2 (Kronospan Ltd.) Joiats - Engineered timber | 67.4 | n2 1510 n 202 | 0 151.0 20.2 | Finishes and coverings Floor slabs, ceilings, roofing decks, beams and roof | | First floor and celling joints | 2.2.Upper floor 2.2.Upper floor | | | Laminate Society Plain woodTimber (softwood and hardwood) | GPD Laminate Flooring FHH WLC Conventions v1 | Laminute flooring Joints - Engineered timber Waste mineral wool | | 97 95 | |
| AS-3 IA | Waste mineral wool (One Olick LCA) | 29 | lig 0.7 290.4 | 0.70 290.4 | Floor slabs, ceilings, roofing decks, beams and roof | | 500mm mineral wool in loft | 2.2.Upper floor 2.2.Upper floor 2.2.Upper floor | | | Glass wool insulation | One Click LCA | | | P3 | |
| 4 C0 | Board - Chipboard Board - Plasterboard Broadisom carpet with nyion 6.6 pile material, 2.43 kg/m2, | | 90 (d) 90 (d) | 0 0 | Floor slabs, ceilings, roofing decks, beams and roof Floor slabs, ceilings, roofing decks, beams and roof | | Chipboard first floor Plasterboard for ceilings | 2.2.Upper floor | | | Particleboard Regular gypsum board | FIREWLC Conventions v1 FIREWLC Conventions v1 | Board - Chipboard Board - Plasterboard | | 95 9232 | |
| 83 68 | Broadicom carpet with nylon 6.6 pile material, 2.43 kg/m2, maximum surface pile weight 1000 g/m2 (One Click LCA) Laminate flooring, 8.8 kg/m2 (Kronospan Ltd.) | 67.4 | m2 0 | o o | Finishes and coverings | | First floor carpet | 2.2. Upper floor | | | Carpet flooring | One Click LCA | Broadcom carpet with rylon 6.6 pile material | | P7 | |
| 80 L | | 67.4 | -2 | | Finishes and coverings Floor slabs, ceilings, roofing decks, beams and roof | | Ground floor laminate First floor and ceiling joists | 2.2.Upper floor 2.2.Upper floor | | | Laminate fooring Plain wood/limber (softwood and hardwood) | EPD Laminate Flooring FIGH WLC Conventions v1 One Click LCA | Laminate flooring Joints - Engineered timber | | P7 P5 | _ |
| 83 M | Waste mineral wool (One Olick LCA) | 22 | g (| | Floor slabs, ceilings, roofing decks, beams and roof Floor slabs, ceilings, roofing decks, beams and roof | | 500mm mineral wool in loft | 2.2.Upper floor 2.2.Upper floor | | | Giass wool insulation | One Click LCA | Waste mineral wool | | P3 | |
| 84 | Broadcom carpet with nylon 6.6 pile material, 2.43 kg/m2, maximum surface pile weight 1000 pim2 (Dee Click LCA) | 67.4 | in2 9535.7 | 3271.2 | Finishes and coverings | | First floor carpet | 2.2.Upper floor | | | Carpet fooring | One Click LCA | Broadloom carpet with nylon 6.6 pile material | | P7 | |
| 24 Li | naximum surface pile weight 1000 gin2 (One Click LCA) Laminate flooring, 8.8 kg/m2 (Kronospan Ltd.) | 67.4 | n2 2294.3 4630.0 | 5954.9 9256.3 | Finishes and coverings | | Ground floor laminate | 2.2.Upper floor 2.2.Upper floor 2.2.Upper floor | | | Caminate Sooring | CPD Laminate Flooring | Laminate flooring | | P7 | |
| C2 8 | Board - Chipboard | | nû (2 | 2.5 | Floor slabs, ceilings, roofing decks, beams and roof | | Chipboard first floor | 2.2.Upper floor | | | Particleboard | FHH WLC Conventions v1 | Board - Chipboard | nailer combination, 40 ton capacity, 100% | PS | |
| C2 8 | Board - Plasterboard | 4 | nû 153 | 30.7 | Floor slabs, ceilings, roofing decks, beams and roof | | Plasterboard for cellings | 2.2.Upper floor | | | Regular gypsum board | FHH WLC Conventions v1 | Board - Plasterboard | lumper truck, 19 ton capacity, 100% fill ra | 9232 | |
| C2 8 | Broadicom carpet with nylon 6.6 pile material, 2.43 kg/m2, | 67.4 | n2 0.3 | 0.63 | Finishes and coverings | | First floor carpet | 2.2.Upper floor | | | Carpet flooring | One Click LCA | Broadloom carpet with mylon 6.6 pile material | tailer combination, 40 ton capacity, 100% | P7 | |
| C2 | maximum surface pile weight 1000 gim2 (One Olick LCA) Laminate flooring, 8.8 kgim2 (Kronospan Ltd.) | 67.4 | | | Finishes and coverings | | Ground floor laminate | 2.2.Upper floor | | | | GPD Laminate Flooring | Laminate flooring | Il rate tailer combination, 40 ton capacity, 100% | P7 | |
| c2 2 | Joiata - Engineered timber | 221 | in 11 | 4 3.6 | Floor slabs, ceilings, roofing decks, beams and roof | | First floor and ceiling joints | 2.2.Upper floor | | | Plain wood/limber (softwood and hardwood) | FHH WLC Conventions v1 | Joints - Engineered timber | nailer combination, 40 ton capacity, 100% | PS | |
| c2 (* | Waste mineral wool (One Click LCA) | 29 | | | Floor slabs, ceilings, roofing decks, beams and roof | | 500mm mineral wool in loft | 2.2.Upper floor | | | Glass wool insulation | One Click LCA | Waste mineral wool | umper truck, 19 ton capacity, 100% fill ra | P 3 | |
| 62 | | | 26.3 | 40.0 | | | | 2.2.Upper floor | | | | | | | \square | |
| ca 🛛 🛛 | Board - Chipboard | | nG 8.4 | s 8.45 | Floor slabs, ceilings, roofing decks, beams and roof | | Chipboard first floor | 2.2.Upper floor | | | Particleboard | FIRH WLC Conventions v1 | Board - Chipboard | Nade wood and wood products incineratio | #5 | |
| ca e | Board - Plasterboard | | e.0 6m | 0.90 | Floor slabs, ceilings, roofing decks, beams and roof | | Plasterboard for cellings | 2.2. Upper floor | | | Regular gypsum board | FIH WLC Conventions v1 | Board - Plasterboard | lacycling of gypsum board, gypsum uiverizing and handling | P232 | |
| C1 0 | Broadborn carpet with rylon 6.6 pile material, 2.43 kg/m2, maximum surface pile weight 1000 g/m2 (One Click LCA) Laminate flooring, 8.8 kg/m2 (Kronospan Ltd.) | 67.4 | | | Finishes and coverings | | First floor carpet | 2.2.Upper floor | | | | One Click LCA | Broadloom carpet with rylon 6.6 pile material | VC products incineration | P7 | |
| C3 L4 | | 67.4 | 1226.5 | | Finishes and coverings | | Ground floor laminate | 2.2.Upper floor 2.2.Upper floor | | | | GPD Laminate Flooring | Laminate flooring | VC products incineration Naste wood and wood products incineratio | P7 | |
| | Joints - Engineered timber | 221 | Im 12.0 1596.0 | 1506.8 | | | First floor and ceiling joints | 2.2.Upper floor 2.2.Upper floor | | | Plain wood/limber (softwood and hardwood) | FIH WLC Conventions v1 | Joiets - Engineered timber | www.wood and wood products incinerate | | |
| C3-balancing B | Board - Chipboard Board - Disstantyward | | 100 | | Floor slabs, ceilings, roofing decks, beams and roof Door slabs, ceilings, motivo decks, beams and roof. | | Chipboard first floor Disstantioned for collines | 2.2.Upper floor 2.2.Upper floor 2.2.Upper floor | | | Particleboard Decision measure board | PIH WLC Conventions v1 | Board - Chipboard Board - Plasterboard | | P5 | |
| C3-balancing B | Board - Plasterboard Broadborn carpet with nylon 6.6 pile material, 2.43 kg/m2, maximum surface nile weinth 1000 cim2 (Dee Click I CA) | 67.4 | | | Finishes and coverings | | First floor carpet | 2.2.Upper floor 2.2.Upper floor | 1 | | Carpet flooring | One Click LCA | Broadoon carpet with nylon 6.6 pile material | | P7 | |
| C3-balancing Li | maximum sustance pile weight 1000 gin/2 (One Olick LCA) Laminate flooring, 8.8 kg/m2 (Konospan LM) Joints - Engineered timber | 67.4 | 12 1111.6 | 1111.0 | Finishes and coverings Floor slabs, ceilings, roofing decks, beams and roof | | Ground floor laminate First floor and ceiling joints | 2.2.Upper floor | | | Laminate flooring Plain wood timber (softwood and hardwood) | CPD Laminate Flooring FIGH WLC Conventions v1 | Laminate flooring Joints - Engineered Smber | | \$7 ~ | |
| C3-balancing A: C3-balancing | Joists - Engineered timber Waste mineral wool (One Click LCA) | 221 | 1789. 2910.4 | 1789.1 2910.4 | Floor slabs, ceilings, roofing decks, beams and roof Floor slabs, ceilings, roofing decks, beams and roof | | First floor and ceiling joints 500mm mineral wooi in loft | 12 Upper floor 22 Upper floor 22 Upper floor | | | Plain woodlimber (softwood and hardwood) Glass wool insulation | RIH WLC Conventions v1 | | ert materials landfilling | Ĕ | |
| C4 M C4-balancing M | wate mineral wool (One Click LCA) | 24 | 9 0.7 9 | 0.7 | Floor slabs, ceilings, roofing decks, beams and roof | | \$00mm minetal wool in loft | 2.2.Upper floor | | | Glass wool insulation | | Naste mineral wool | en militas lanzeng | P3 | |
| 0 | exerve - unipotaird Board - Plasterboard | | na -227.4 na -1.9 | -474.00 -3.31 | Floor slabs, ceilings, roofing decks, beams and roof Floor slabs, ceilings, roofing decks, beams and roof | | Chipboard first floor Plasterboard for ceilings | 2.2.Upper floor 2.2.Upper floor | | | Particleboard Regular gypsum board | Rel WLC Conventions v1 Rel WLC Conventions v1 | Board - Chipboard Board - Plasterboard | | P232 | |
| 0 | Board - Plasterboard Broadboom carpet with nyion 6.6 pile material, 2.43 kg/m2, maximum surtose pile weight 1000 g/m2 (One Click LCA) Laminate footing, 8.8 kg/m2 (Kronospan L35) | 67.4 | -209.1 | 418.2 | Finishes and coverings | | First floor carpet | 2.2.Upper floor | | | Carpet flooring | One Click LCA | Broadloom carpet with rylon 6.6 pile material | | P7 | |
| 0 | Laminate flooring, 8.8 kg/m2 (Kronospan Ltd.) Joiats - Engineered timber | 67.4 221 | n2 -375.8 m -315.1 | -751.6 | Finishes and coverings Floor slabs, ceilings, roofing decks, beams and roof | | Ground floor laminate First floor and ceiling joints | 22.Upper floor 22.Upper floor | | | Laminate flooring Plain wood/limber (softwood and hardwood) | EPD Laminate Flooring FHH WLC Conventions v1 | Laminate flooring Joints - Engineered Ember | | 97 PS | _ |
| P | | | 9724.9 | 14271.4 | | _ | | 2.2.Upper floor 2.2.Upper floor | | - | | - | | | + + | |
| A1-A3 Product stage (eecl. C sequestered carbon) m | Concrete roof tiles, Aug. thickness per m2: 22.4 mm, 324a42 mm, 2100 kg/m3 (Eternit) | 0 75.5 | m2 806.9 | 0 805.92 | Floor slabs, cellings, roofing decks, beams and roof | 22.4 | | 2.3.Roofs | | | Waterproofing roofing system incl. insulation and concrete other precast concrete products | GPD Eternit Dechatein Heidelberg Eternit Dechatein Verona Eternit Dechatein Göteborg Eternit Dechatein | Concrete roof tiles | | P2 | |
| A1-A3 Product stage (eacl. G | ren, a rox Agrica (Alernit) Geolestile, generic, 312 g/n2 /1.02 gz/f23, Cronovaliov 200 | | | | Floor slabs, ceilings, roofing decks, beams and roof | | | 2.3.Roofs | | | Watermotion motion waters incl. Insulation and concrete | Kapitadi Elemit AG One Click LCA | Geolextile, generic | | ⊢ | |
| sequestered carbon) in | nm, 2100 kg/ml (Ekenii) Gaotastia, ganaric, 312 g/m2 (1.02 co.PD); Composition: PP mat.neu-wexen PP (Bit (Dne Click LCA) Stene wool mutuation panela, unitado, ganaric, 1 = 0.037 Wink, R = 2.70 accoW (15 827°HZTU), 550 kg/ml (b 26 km2) (papicable for densitien: 100-159 kg/ml (b 24-3.36 | 75.5 | 55.1 | 55.11 | www.swbs, ceangs, rooming decks, beams and roof | 1 | | a a multi | | | tiles, for UK | one cad LDA | umanum, generic | | r' | |
| A1-A3 Product stage (seci. V | WinK, R = 2.70 m2K/W (15 82*Fh/BTU), 150 kg/m3 (8.36 | 75.1 | in2 737.5 | 737.5 | Floor slabs, ceilings, roofing decks, beams and roof | 50 | | 2.3.Roofs | | | Waterproofing roofing system incl. insulation and concrete stone wool insulation stee, for UK | One Click LCA | Stone wool insulation panels, unfaced, generic | | P3 | |
| Repairing Caroliny III | bsft3 (j. Lambda=0.037 W(m.K) (One Click LCA) | | | | | | | | | | | | | | | |
| A1-A3 Product stage (eecl. W sequestered carbon) A | batt0) (applicable for denation: 100-150 kg/m3 (6.24-8.36 batt0) (Lambda=3.037 W(m.K) (One Click LCA) Waterproof, protective, flexible coating, 1.5 kg/L Lastogum (f Augeburg) | CI 75.1 | 93.8 | 92.0 | Floor slabs, ceilings, roofing decks, beams and roof | 1 | | 2.3.Roofs | | | Waterproofing roofing system incl. insulation and concrete sealarits (silicone and others) | Oekobau dat 2017-I, EPO Wassendichte, faxible Schubschicht PCI Lastogum unter Kesamikbelägen in Dusche und Bad PCI Augsburg GmbH | Waterproof, protective, flexible coating | | P7 | |
| A1-A3 Product stage (eac sequestered carbon) | | | 1692 | 1 1692.1 | | | | 2.3.Roofs | | | | Desche and Bad PCI Augsburg Giften | | | \vdash | |
| sequestered carbon) | | | 1693. | 1693.1 | | | | 2.3.Roots | | | | GPD Eternit Dachatein Heidelberg Eternit Dachatein | | | | |
| A1-A3 Sequestered Carbor | Concrete roof tiles, Aug. thickness per m2: 22.4 mm, 334a42 mm, 2100 kg/m3 (Eternit) | 0 75.1 | m2 (| | Floor slabs, ceilings, roofing decks, beams and roof | 22.4 | | 2.3.Roofs | | | Waterproofing roofing system incl. insulation and concrete bles, for UK | EPD Eternit Dachatein Heidelberg Eternit Dachatein Verona Eternit Dachatein Göteborg Eternit Dachatein Kapatadt Eternit AG | Concrete roof tiles | | P2 | |
| A1-A3 Sequestered Carbor | nm, 2100 kg/m3 (Elemit) Geotestie, generic, 312 g/m2 (1.02 cortf2), Composition: PP eta ton-excern 56 feb (Dne Click LCA) Store wood insulation panels, unitood, generic, L = 0.037 Wink(R = 2.70 m3KW) (15 42°/m317), 150 aj/m3 (6 24- ba/t3) (applicable for densities: 100-150 kg/m3 (6 24-3.05 | 75.1 | | | Provide astronomic data barra and and | | | 2.3 Bools | | | | Kapetadi Elemit AG One Click LCA | Geotexdie, generic | | - | |
| A root and annual Carton by | net, non-woven PE feit (One Click LCA) Stone wool insulation panels, unfaced, generic, L = 0.037 | 74.1 | | | roor man, chings, noing block, owner and root | | | | | | ties, for UK | | and and a second | | f+ | |
| A1-A3 Sequestered Carbon | WinK, R = 2.70 m2KW (15 ft2*Fh/BTU), 150 kg/m3 (8.36 bs/ft2) (applicable for densities: 100-150 kg/m3 (8.24-9.36 | 75.1 | In2 0 | | Floor slabs, ceilings, roofing decks, beams and roof | 50 | | 2.3.Roots | | | Stone wool insulation and concrete store wool insulation | One Click LCA | Stone wool insulation panels, unfaced, generic | | Pa | |
| 0 | bs/fd/j, Lambds=0.037 Wijm.K) (One Click LCA) | | | | | | | | | | | Oxforbasi dat 2017.J. EPO Wassandichta Bayble | | | \vdash | |
| A1-A3 Sequestered Carbor | Waterproof, protective, flexible coating, 1.5 kg/l, Lastogum (F Augeburg) | CI 75.1 | in2 (| • | Floor slabs, ceilings, roofing decks, beams and roof | 1 | | 2.3.Roofs | | | Wateproofing roofing system incl. insulation and concrete steel, for UK | Oekobau dat 2017-1, EPD Wassendichte, fexible Schubschicht PCI Lastigum unter Kesamikbelägen in Dusche und Bad PCI Augeburg GmbH | Waterproof, protective, flexible coating | | P7 | |
| A1-A3 Sequestered Carbon | | | | | | | | 2.3.Roofs | | | | | | | | |
| | Concrete roof tiles, Aug. thickness per m2: 22.4 mm, 334x42 mm, 2100 kg/m2 (Eternit) | 0 75.1 | 1016 | 101.0 | Floor slabs, ceilings, roofing decks, beams and roof | 22.4 | | 2.3 Books | | | Wateproofing roofing system incl. Insulation and concrete des, for UK | EPD Eternit Dachatein Heidelberg Eternit Dachatein Verona Eternit Dachatein Giteborg Eternit Dachatein | Courses and time | | ~ | |
| ·** n | mm, 2100 kg/m3 (Eternit) | | | | | | | | | | | Capetadt Elemit AG | | | Ê. | |
| A4 | Geolestile, generic, 312 g/m2 (1.02 oz/R2), Compositor: PP net, non-wowen PE feit (One Click LCA) Stone wool insulation panels, unfaced, generic, L = 0.037 | 75.1 | n2 0.6 | 3.0 | Floor slabs, ceilings, roofing decks, beams and roof | 1 | | 2.3.Roofs | | | Waterproofing roofing system incl. insulation and concrete stee, for UK | One Click LCA | Geotexdia, generic | | P7 | |
| | store woo museon panes, unsolo, genero, L = 0.037 WinK, R = 2.70 m3KW (15 82°Fh/BTU), 150 kg/m3 (8.36 ba/R3) (applicable for densities: 100-150 kg/m3 (8.24-9.36 | 75.1 | 102 10. | 10.4 | Floor slabs, ceilings, roofing decks, beams and roof | 50 | | 2.3.Roofs | | | Waterproofing roofing system incl. insulation and concrete Stone wool insulation bles, for UK | One Click LCA | Stone wool insulation panels, unfaced, generic | | P3 | |
| E E | bs/fd)), Lambda=0.037 Wi(m.K) (One Click LCA) | | | | | | | | | | | Oekobau dat 2017-I. EPD Wassendichte. flexible | | | | |
| | Waterproof, protective, flexible coating, 1.5 kg/l, Lastogum (F Averations) | CI 75.1 | 12 13 | 4 32 | Floor slabs, ceilings, roofing decks, beams and roof | 1 | | 2.3.Roofs | | | Waterproofing roofing system incl. Insulation and concrete bles, for UK Sealants (slicone and others) | Cekobau.dat 2017-1, EPD Wassendichte, fexible Schutzschicht PCI Lastogum unter Keramikbelägen in Dusche und Bad PCI Augsburg GmbH | Waterproof, protective, flexible coating | | P7 | |
| A4 | | | 116.3 | 116.3 | | | | 2.3.Roofs | | | | Dusche und Bad PCI Augsburg GmbH | | | \vdash | |
| A5-3 | Concrete roof tiles, Aug. thickness per m2: 22.4 mm, 334a45 mm, 2100 kg/m3 (Eternit) | 0 75.1 | m2 9. | 2 93 | Floor slabs, ceilings, roofing decks, beams and roof | 22.4 | | 2.3.Roofs | | | Waterproofing roofing system incl. insulation and concrete tiles, for UK | EPD Exemit Dachatein Heidelberg Elemit Dachatein Verona Elemit Dachatein Göteborg Elemit Dachatein Kapatad Elemit AG | Concrete roof tiles | | P2 | |
| | Geotestile, generic, 312 g/m2 (1.02 gz/f2), Composition: PP | 75.1 | | | Floor slabs, ceilings, roofing decks, beams and roof | | | 23.Roofs | | | Viateroroofing roofing system incl. insulation and concrete | Kapstadt Eternit AG One Click LCA | Geolexille, generic | | h | |
| ~ | net, non-woven PE feit (One Click LCA) Stone wool insulation panels, unfaced, generic; L = 0.037 | | | 10.4 | roor name, cellings, rooming below, beams and roof | 1 | | | | | ties, for UK | | unconne, genilli | | ř- | |
| A5-3 | net, non-wowen PE fait (Dna Click LCA) Stone wool insulation panels, unfaced, generic, L = 0.037 WimK, R = 2.70 mBKW (15 82*PhBTU), 150 kg/m3 (8.26 ba/t3) (applicable for densities: 100-150 kg/m3 (8.24-9.36 | 75.1 | m2 52 | 52.0 | Floor slabs, cellings, roofing decks, beams and roof | 50 | | 2.3 Roofs | | | Waterproofing roofing system incl. insulation and concrete Stone wool insulation tiles, for UK | One Click LCA | Stone wool insulation panels, unfaced, generic | | Pa | |
| ļ į | bs/fd)], Lambda=0.037 Wi(m.K) (One Click LCA) | <u> </u> | | l | | | | | | | | Oekobau dat 2017-I. EPD Wassandritta KevP*- | | | ⊢ | |
| A53 8 | Waterproof, protective, flexible coating, 1.5 kg/l, Lastogum (I Augeburg) | CI 75.1 | m2 5.0 | 5.00 | Floor slabs, ceilings, roofing decks, beams and roof | 1 | | 2.3.Roofs | | | Waterproofing roofing system incl. insulation and concretes steel, for UK | Oekobau dat 2017-1, EPD Wassendichte, fexible Schubschicht PCI Lastigum unter Kesamikbelägen in Dusche und Bad PCI Augeburg GmbH | Waterproof, protective, flexible coating | | P7 | |
| AS-3 | | | 78.1 | 78.1 | | | | 2.3.Roats | | | | Provide Contraction Contraction Contraction | | | \square | |
| 83 6 | Concrete roof tiles, Aug. thickness per m2: 22.4 mm, 334a4G mm, 2100 kg/m3 (Eternit) | 0 75.1 | m2 0 | • • | Floor slabs, ceilings, roofing decks, beams and roof | 22.4 | | 2.3.Roofs | | | Waterproofing roofing system incl. insulation and concrete other, for UK | CPD Elemit Dachatein Heidelberg Elemit Dachatein Verona Elemit Dachatein Göteborg Elemit Dachatein Kasatad Elemit AG | Concrete roof tiles | | P2 | |
| 83 G | Geolestile, generic, 312 g/m2 (1.02 oz.82), Composition: PP net. non-americ PE felt (One Cirk I Cé) | 75.5 | m2 (| | Floor slabs, ceilings, roofing decks, beams and roof | 1 | | 2.3.Roofs | 1 | | Waterproofing roofing system incl. Insulation and concrete Plautic membranes ties, for UK | One Click LCA | Geotextile, generic | | P7 | |
| 8 | net, non-woven PE felt (One Click LCA) Stone wool insulation panels, unfaced, genetic, L = 0.037 WIMK, R = 2.70 m2K/W (15 ft2"Fh/BTU), 150 kg/m3 (8.36 | | | | | | | | | | | | | | \square | |
| 83 B | | 75.1 | n2 0 | | Floor slabs, ceilings, roofing decks, beams and roof | 50 | | 2.3.Roofs | | | Waterproofing roofing system incl. insulation and concrete Stone wool insulation ties, for UK | One Click LCA | Stone wool insulation panels, unfaced, generic | | P3 | |
| | be/fd)j, Lambda=0.037 W(m.K) (One Click LCA) Waterproof, protective, flexible coating, 1.5 kg/l, Lastogum (I | CI 75.1 | | | Floor slabs, ceilings, roofing decks, beams and roof | | | 2.3.Roofs | | | Waterproofing roofing system incl. insulation and concrete Sealants (silicone and others) | Oekobau dat 2017-1, EPD Wassendichte, fexible | Printered and all a facility and a | | | |
| | Augsburg) | 75.1 | ~ · · · | 1 | move name, cellings, rooming below, beams and roof | 1 | | 1.3 Basis | | | see, for DK | Oekobau.dat 2017-1, EPO Wassendichte, faxible Schutzschicht PCI Lastingum unter Keramikbelägen in Desche und Bad PCI Augaberg GmbH | mempron, profective, textele coating | | r i | |
| ad 0 | Geotextile, generic, 312 g/m2 (1.02 oz/f2), Composition: PP | 75.9 | 57.4 | | Floor slabs, ceilings, roofing decks, beams and roof | | | 2.3.Roofs 2.3.Roofs | | | Waterproofing roofing system incl. insulation and concrete Plastic membranes | Om (1931) (A | Geotextile, generic | | P7 | |
| t t | net, non-woven PE feit (One Click LCA) Waterproof, protective, flexible coating, 1.5 kg/l, Lastogum (F | | | | | | | | | | des, for UK Plastic membranes Watercreofing roofing exitem incl. insulation and concrete | Cekobau.dat 2017-1, EPD Wasserdichte, fexible | | | \vdash | |
| 84 | Augsburg) | CI 75.1 | | | Floor slabs, ceilings, roofing decks, beams and roof | 1 | | 2.3.Roofs | | | Waterproofing roofing system incl. Insulation and concrete deas, for UK | Dekobau dat 2017-1, EPO Wasserdichés, faxible Schutzschicht PCI Lastigum unter Veramikbelägen in Dusche und Bad PCI Augsburg GmbH | Waterproof, protective, flexible coating | | P7 | |
| Di | | | 160.9 | | | _ | | 2.3.Roofs | | - | | CPD Eternit Dachatein Heideberg Eternit Dachatein | | | \vdash | |
| са С | Concrete and they due thickness and all the second | | | | | 22.4 | | 2.3.Roofs | 1 | | Waterproofing roofing system incl. insulation and concrete blex, for UK | | Concrete roof tiles | lumper truck, 19 ton capacity, 100% fill ra | #2 | |
| 1 1 | Concrete roof tiles, Aug. thickness per m2: 22.4 mm, 334e42 mm, 2100 kg/m3 (Eternit) | 0 75.1 | | 7 10.32 | | | | | | | | | | | P7 | |
| C2 6 | Controlly security 212 alors (102 are BC). Comparison (Fig. | 0 75.1 75.1 | | | Floor slabs, ceilings, roofing decks, beams and roof | 1 | | 2.3.Roofs | | | Waterproofing roofing system incl. insulation and concrete bies, for UK | Kapitad Elemit AG One Click LCA | Geolexille, generic | tailer combination, 40 ton capacity, 100% Il rate | r 1 | |
| C2 5 | Controlly security 212 alors (102 are BC). Comparison (Fig. | | | | Floor slabs, ceilings, roofing decks, beams and roof | 4 | | 23 Roofs | | | Waterprofing noting system incl. Insulation and concrete Plastic membranes Has, for UK Waterprofing noting system incl. Insulation and concrete Plastic membranes | | | ll rate | | |
| а а | Controlly security 212 alors (102 are BC). Comparison (Fig. | | | | | 1 | | | | | Waterproofing roofing system incl. insulation and concrete Stone wool insulation bles, for UK | One Click LCA | Geolexille, generic Stone wool insulation panels, unfaced, generic | haller contribution, 40 ton capacity, 100% Il rate humper truck, 19 ton capacity, 100% fill ra | #3 | · |
| | Concelle roof bine, Aug. thickness per n2: 22.4 mm, 324642 mm, 2106 bighing (Elevent) catacolone, percent, 21.9 graph (1.67 carticity, Computation, PF text, con-executin PE field (Data Click (2.04) Dates and Tandations panels, withouts, generics, L = 0.037 Wittins, PA = 2.37 mGWWW (1.51 ET WHITE), 153 bighing (3.84 and 201) oppications from the constants: 103-05 oppications for 24-04 and bindling scheduler and the constants: 103-05 oppications for 24-04 and 2010 bindling (3.84 bindling). Linearized (3.84 bindling), Linearized (3 | 75.1 | n2 0.04 | e 0.00 0 1.62 | Floor slabs, cellings, roofing decks, beams and roof | 50 | | 2.3.Roofs 2.3.Roofs | | | Waterproofing roofing system incl. insulation and concrete Stone wool insulation bles, for UK | One Click LCA | Stone wool insulation panels, unfaced, generic | linate Jumper buck, 19 lon cagacity, 100% fill ra | P3 97 | |
| | Geotestie, generic, 312 ghr2 (1.02 corti2), Composition: PP net, non-avean DE fait (Dna Click LCA) Store wool invalidation paneta, unificad, generic, L = 0.037 Winki, R = 2.70 mXWW(5 £27%BTU), 150 kg/m3 (6.24-2.05 ba/t2) (applicable for densitian: 100-150 kg/m3 (6.24-2.05 ba/t2), Lambdar-0.037 W(mA) (Dna Click LCA) | | n2 0.04 | e 0.00 0 1.62 | Floor slabs, ceilings, roofing decks, beams and roof | 1 50 1 | | 23 Roofs | | | Waterproofing roofing system incl. insulation and concrete Stone wool insulation bles, for UK | One Click LCA Dekobaucata 2017-1, EPO Wassendichte, fexible Schutzschicht PCI Lastiguru soher Kenzmächeligen in Dauche und Bach PCI Algoburg GmbH | | ll rate | #3 #7 | |
| | Geoletalia, gueraric, 316 gibrd (1 do carrilo), Composition FP eta tom speano FE de li Orac Cida LLOL State and insulation paneta, anticad, gueraric, 1 + 0 0.017 Winker, R + 2-20 and Wink (1 do 217-MBL), 105 gibrd (1 26 4-0.03 bahd)) papetaalis for denaties: 100-150 gibrd (1 26 4-0.03 bahd)) papetaalis for denaties: 100-150 gibrd (1 26 4-0.03 bahd)), antiderbord 20 Wijmk () (Orac Cida LLON) Winkeyroot, pretective, field/e coating, 1 5 kg/l, Lastopum (I Angebrag) | 75.1 75.1 CI 75.1 | m2 004 m2 0.8 m2 0.1 m2 0.1 42 | e 0.00 0 1.62 | Roor slabe, callings, roofing decks, beams and roof Roor slabe, callings, roofing decks, beams and roof Roor slabe, callings, roofing decks, beams and roof | 1 | | 2.1 Roofs 2.1 Roofs 2.1 Roofs 2.1 Roofs 2.1 Roofs | | | Hangsoulder profile prefer Ind. Installation and conceals Status and Industry Reagranding purply prefers Ind. Installation and conceals Status (alloces and others) Status (alloces and others) | Cree Click LCA Dekobau: dei 2017-1, EPD Wassendichte, faschle Schutzschicht PCI Lastiguer unter Karamäbeligen in Dauche und Bahr DCI Augsbaug Greithi EPD Eisenit Bahr DCI Augsbaug Greithi EPD Eisenit Bahr Dekotelen Heldelberg Eisenit Bachetein | Shone wool insulation panels, unfaced, generic Waterproof, protective, Sexible coaling | ll rate humper buck, 19 ton capacity, 100% fill na humper buck, 19 ton capacity, 100% fill na | #2 #7 | |
| | Castalistis, parvic, 1-2 publ. (1 Country), Composition PP Castalistis, parvic, 1-2 publ. (1 Country), Composition PP Store and Intelliating panels, printeed, gammar, L = 0.037 (1 Country), 2 P Country, 10 Star Thui, 10 Lu, 10 gammar, 2 P Country, 10 Star Thui, 10 Lu, 10 Star Thui, | 75.1 75.1 ACI 75.1 | 400 000 000 000 000 000 000 000 000 000 | 6 0.00 3 1.60 7 0.32 9 12.40 9 1.22 | Roor slabe, cellings, molfing decks, beams and noof Floor slabe, cellings, molfing decks, beams and noof Floor slabe, cellings, molfing decks, beams and noof Floor slabe, cellings, molfing decks, beams and noof | 1 | | 2.1 Roofs 2.1 Roofs 2.1 Roofs 2.1 Roofs 2.1 Roofs 2.1 Roofs | | | Interpretend round gradem tech Insidem and concess. Reare word insulation. Interpreting round gradem tech Insidem and concess. Reare tool. Reare tool. Reare provide gradem tech. Insidem and concess. Reare tool. Reare tool. Rear | One Click LCA Celobau de 20174, EPG Wassendcha, feuble Schutzuchch PC Lastigure unter Kosmiskelligen in Such auf fast PC Auguteg (smb1 PD Dentri Exchutsen Neidellerg Dant? Duchaeis Worse Einer Exchutsen Götellorg Einer Exchutsien Kapatel Einer A.G. | Stone wool Insulation panels, unfaced, general: Makeproof, prodective, feasible cauling Concrete roof files | II rate humper truck, 19 ton capacity, 100% EI ra humper truck, 19 ton capacity, 100% EI ra concrete recycling, concrete multing | #7 P2 | |
| | Geoletalia, gueraric, 316 gibrd (1 do carrilo), Composition FP eta tom speano FE de li Orac Cida LLOL State and insulation paneta, anticad, gueraric, 1 + 0 0.017 Winker, R + 2-20 and Wink (1 do 217-MBL), 105 gibrd (1 26 4-0.03 bahd)) papetaalis for denaties: 100-150 gibrd (1 26 4-0.03 bahd)) papetaalis for denaties: 100-150 gibrd (1 26 4-0.03 bahd)), antiderbord 20 Wijmk () (Orac Cida LLON) Winkeyroot, pretective, field/e coating, 1 5 kg/l, Lastopum (I Angebrag) | 75.1 75.1 CI 75.1 | ng 600 ng 61 ng 60 ng 60 | 2 0.00 3 1.62 7 0.32 8 112.43 9 112.43 2 41.43 | Floor table, ceilings, mofting discle, beams and not floor table, ceilings, mofting discle, beams and not | 1 50 | | 2.3 Roofs 2.3 Roofs 2.3 Roofs 2.3 Roofs 2.3 Roofs 2.3 Roofs 2.3 Roofs | | | Interpretend round gradem tech Insidem and concess. Reare word insulation. Interpreting round gradem tech Insidem and concess. Reare tool. Reare tool. Reare provide gradem tech. Insidem and concess. Reare tool. Reare tool. Rear | Dra Cick LCA Dra Cick LCA Databaschi 2011. LPD WasserSchla, finoble Schucht und PC Langgen unter Kennabelligen in Such und Ber Dr. Angling Greek Die Dereit Dachtein Verona Diern Bachtein Götelborg Diern Bachtein Verona Diern Bachtein Götelborg Diern Bachtein Keytels Blern AG Dre Cick LCA | Stone wool Insulation panels, unfaced, general: Makeproof, prodective, feasible cauling Concrete roof files | ll rate humper buck, 19 ton capacity, 100% fill na humper buck, 19 ton capacity, 100% fill na | P2 P7 | |
| | Classifier, gaves, 212 gaves, 124 | 75.1 75.1 *CI 75.1 0 75.1 75.1 | eg 000 eg 01 eg 00 eg 0 | 0 0.00 1 1.62 7 0.22 9 1144 9 1124 9 1122 9 112 9 112 112 112 112 112 112 112 112 112 112 | Floor shale, callings, rendfrig decks, baans and root Floor shale, callings, rendfrig decks, baans and root | 1 50 1 22.4 1 | | 2.3 Roofs 2.3 Roofs 2.3 Roofs 2.3 Roofs 3.3 Roofs 2.3 Roofs 2.3 Roofs 2.3 Roofs 2.3 Roofs | | | Integranding melang selawa kata kadi karal karana kata wa kadi kada kata kata kata kata kata kata kata | Dra Cick LCA Dra Cick LCA Databaschi 2011. LPD WasserSchla, finoble Schucht und PC Langgen unter Kennabelligen in Such und Ber Dr. Angling Greek Die Dereit Dachtein Verona Diern Bachtein Götelborg Diern Bachtein Verona Diern Bachtein Götelborg Diern Bachtein Keytels Blern AG Dre Cick LCA | Store woll insulation panels, unfaced, generic Waterproof, protective, lexible coating Concrete roof like Solutedle, generic | II rate humper truck, 19 ton capacity, 100% EI ra humper truck, 19 ton capacity, 100% EI ra concrete recycling, concrete multing | P2 P7 | |
| C2 A | Ganantia, parres, 110 grafi (110 grafic, Consumino FP Ganantia, parres 110 grafi (110 grafic), 110 grafic), 110 grafication (110 grafic), 110 grafic), 110 grafication (110 grafic), 110 grafic), 110 grafic), 110 grafic (110 grafic), 110 gra | 75.1 75.1 10 75.1 0 75.1 0 75.1 | | e 0 000 2 144 7 0 32 2 142 2 142 1 142 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Flour dalas, salings, moting dastas, basera and real Flour dalas, salings, moting dastas, basera and real | 1 50 1 | | 2.2 Soute 2.3 Soute 2.3 Soute 2.3 Soute 2.3 Soute 2.3 Soute 2.3 Soute 2.3 Soute 2.3 Soute | | | Harppende produktion kandelich and samme der Anselden Harppende produktion kandelich and samme der Anselden Harppende produktion kandelich and samme der Anselden kandelich Harppende produktion kandelich and samme der Anselden kandelich and samme der Anselden kandelich | Des Clos LCA Setabascal 2011, LCPD Warsendofes, fendlar Sandra und Eler Di Augebra Graffe Di Daniel Gonzalen Galaniez Daniel Sandra worn Banet Danielan Galaniez Daniel Sandra Marcia Eler Ala Sandra La Colorizza de Coloradore de Coloradore Elevente Danielan Feldularg Daniel Coloradore Sandra Color Danielan Feldularg Daniel Coloradore Elevente Danielan Feldularg Daniel Coloradore Elevente Danielan Feldularg Daniel Coloradore Elevente Danielan Feldularg Daniel Coloradore Sandra Cherrol Danielan Feldularg Daniel Coloradore Sandra Elevente Alexander Sandra Coloradore Sandra Elevente Alexander Sandra Coloradore Sandra Cherrol Danielan Sandra Che | Reve wait insidein pante, urbest, genetic Marpran', potectine, feedale austrig Conceste nort lites Genetate, genetic Economic nort lites | II rate humper truck, 19 ton capacity, 100% EI ra humper truck, 19 ton capacity, 100% EI ra concrete recycling, concrete multing | #1 #7 P2 P7 P2 | |
| C2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | Generality areas, 112 (pp. 1112) and 112, constraints FP on anomal FPC Info (2016 ALSA), 112 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) 112 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 113 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 113 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 113 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 113 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 113 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 113 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 113 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 113 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 113 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 113 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 113 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 113 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 113 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 114 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 114 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 114 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 114 (pp. 112) and 112 (pp. 112) a | 75.1 75.1 *CI 75.1 0 75.1 75.1 | | e 0 000 2 144 7 0 32 2 142 2 142 1 142 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Floor shale, callings, rendfrig decks, baans and root Floor shale, callings, rendfrig decks, baans and root | 1 50 1 22.4 1 22.4 | | 2.3 Roofs 2.3 Roofs 2.3 Roofs 2.3 Roofs 3.3 Roofs 2.3 Roofs 2.3 Roofs 2.3 Roofs 2.3 Roofs | | | Integranding melang selawa kata kadi karal karana kata wa kadi kada kata kata kata kata kata kata kata | One Clock LCA Selection and 2017-1, CPO Wessendorstei, feusible Extractricht PC Lanzgaur under Konnethaltigen in Jacket auf das Erd Angelange Greist PPO Exercit Buchteren Hausberg Einen Exchesio Neura Damit Dochstein Koldberg Damit Buchstein Kestella Einer AG Dan Clock LCA EPO Exercit Buchstein Haldberg Einen Exchesion | Store woll insulation panels, unfaced, generic Waterproof, protective, lexible coating Concrete roof like Solutedle, generic | II rate humper truck, 19 ton capacity, 100% EI ra humper truck, 19 ton capacity, 100% EI ra concrete recycling, concrete multing | 013 077 077 077 072 077 | |
| C2 A | Generality areas, 112 (pp. 1112) and 112, constraints FP on anomal FPC Info (2016 ALSA), 112 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) 112 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 113 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 113 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 113 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 113 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 113 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 113 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 113 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 113 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 113 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 113 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 113 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 113 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 113 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 114 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 114 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 114 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 112 (pp. 112) and 114 (pp. 112) and 112 (pp. 112) a | 75.1 75.1 10 75.1 0 75.1 0 75.1 | | e 0 000 2 144 7 0 32 2 142 2 142 1 142 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Flore dales, cellege, meller glebels, Saaren and eur Flore dales, sellege, norleg daels, Saaren and eur Flore dales, daeling, norleg daels, Saaren and eur Flore dales, daeling, norleg daels, Saaren and eur | 1 50 1 22.4 1 22.4 1 | | 1.3 Florar 1.3 Fl | | | Lingung ang waters to Mandata and samon da sa sa. See and Sakadata Lingung ang waters to Mandata and samon da sa sa. See and Sakadata See and Sakadata See and S | Ser Cisia LCA Statutura (2017) Cliniformativity, Installa Statutura (2017) Cliniformativity, Installary In- Standard Mirk (2017) Cliniforma (2017) Statuta (2018) Statutura (2017) Cliniforma Warran (2017) Cliniforma (2017) Cliniforma Warran (2017) Cliniforma Warra | Rev weri reading press, wheek gowsi: Nakspool policies, bask oorlog Carcels of the Carcels of the Carcels of the Carcels of the | inee Jamper Hack, 19 Ion capacity, 100% ER in Jamper Hack, 19 Ion capacity, 100% ER in Concette Hospitelity, concette crusting VC products inderestion | #3 #7 P2 P7 P7 P7 | |
| C2 A | Consists parts, 12 grad 10 gr | 75.1 75.1 10 75.1 0 75.1 0 75.1 | | e 0 000 2 144 7 0 32 2 142 2 142 1 142 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Flour dalas, salings, moting dastas, basera and real Flour dalas, salings, moting dastas, basera and real | 1 50 1 22.4 1 22.4 50 | | 2.2 Souts 2.2 Souts 2.3 Souts 2.3 Souts 2.3 Souts 2.3 Souts 2.3 Souts 2.3 Souts 2.3 Souts 2.3 Souts | | | Harppende produktion kandelich and samme der Anselden Harppende produktion kandelich and samme der Anselden Harppende produktion kandelich and samme der Anselden kandelich Harppende produktion kandelich and samme der Anselden kandelich and samme der Anselden kandelich | Des Clos LCA Setabascal 2011, LCPD Warsendofes, fendlar Sandra und Eler Di Augebra Graffe Di Daniel Gonzalen Galaniez Daniel Sandra worn Banet Danielan Galaniez Daniel Sandra Marcia Eler Ala Sandra La Colorizza de Coloradore de Coloradore Elevente Danielan Feldularg Daniel Coloradore Sandra Color Danielan Feldularg Daniel Coloradore Elevente Danielan Feldularg Daniel Coloradore Elevente Danielan Feldularg Daniel Coloradore Elevente Danielan Feldularg Daniel Coloradore Sandra Cherrol Danielan Feldularg Daniel Coloradore Sandra Elevente Alexander Sandra Coloradore Sandra Elevente Alexander Sandra Coloradore Sandra Cherrol Danielan Sandra Che | Reve wait insidein pante, urbest, genetic Marpran', potectine, feedale austrig Conceste nort lites Genetate, genetic Economic nort lites | II rate humper truck, 19 ton capacity, 100% EI ra humper truck, 19 ton capacity, 100% EI ra concrete recycling, concrete multing | P7 P7 P7 P7 P7 P7 | |
| C2 A | Generating across 10 g and 10 | 75.1 75.1 0 75.1 0 75.5 75.5 75.5 | MAL MAL MAL | e 0 000 2 144 7 0 32 2 142 2 142 1 142 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | 1 50 1 22.4 1 22.4 50 | | 13.Badra 13.Badra 13.Badra 13.Badra 23.Bad | | | Anspection generation structures and uncertain s | Ser Cisia LCA Senden LCA 2017, BPC Networkships, Induktion Network and Intel Chargenge uter Investellations in Sender and BPC Angeleng Getat USE Desem Schwein Konkellung Einer Danielle Neue Schwei Einsteinen Teilensteil Bernit Danielle Der Cisia LCA Der Cisia LCA Der Cisia LCA Der Cisia LCA Der Cisia LCA Der Cisia LCA | Rome excit installing posits, reflected generality Reserpent generation, Realite anothy Consols car filter Consols car filter C | In real Image Hack, 19 bin capacity, 100% BI in Image Hack, 100% BI in | P2 P7 P2 P7 P7 P7 P3 | |
| C2 A | Consists parts, 12 grad 10 gr | 75.1 75.1 10 75.1 0 75.1 0 75.1 | MAL MAL MAL | e 0 000 2 144 7 0 32 2 142 2 142 1 142 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Flore dales, cellege, meller gleiche, Saaren and eur Flore dales, sellege, meller gleiche, Saaren and eur Flore dales, dalege, meller gleiche, Saaren and eur Flore dales, dalege, meller gleiche, Saaren and eur | 1 50 1 22.4 1 22.4 1 50 50 | | 1.3 Florar 1.3 Fl | | | Lingung ang waters to Mandata and samon da sa sa. See and Sakadata Lingung ang waters to Mandata and samon da sa sa. See and Sakadata See and Sakadata See and S | Ser Disk LCA Section LCA 2017, 1975 Westerhöhen, Norder Restructure 1970 Langern uter Annehmalter Bandes and Herz Supplier, Section Section LCA 2017, 1975 Section LCA 2017, 1975 Kannet Davie X.J. Sec Call LCA Ser Davie LCA 2017, 1975 Section LCA 2017, 1975 Section LCA 2017, 1975 Section LCA 2017, 1975 Section LCA 2017, 1975 Section LCA 2017, 1975 Section LCA 2017, 1975 Sect | Rev weri reading press, wheek gowsi: Nakspool policies, bask oorlog Carcels of the Carcels of the Carcels of the Carcels of the | inee Jamper Hack, 19 Ion capacity, 100% ER in Jamper Hack, 19 Ion capacity, 100% ER in Concette Hospitelity, concette crusting VC products inderestion | P2 P7 P2 P7 P2 P7 P7 P7 | |

| C4-balancing | | 75.18m2 | | © Floor slabs, ceilings, roofing decks, beams and roof | 50 | | 2.3.Roofs | | Waterproofing roofing system incl. insulation and concrete siles, for UK | Stone wool insulation | One Click LCA | Stone wool insulation panels, unfaced, generic | | Pa | |
|---|---|--|--|--|---|---|--|---|--|--|---|--|--|---|---|
| | belt0 (), Lambda=0.027 W(m.K) (One Click LCA) | | | | | | 2.3.Roofs | | | Sealarts (slicore and others) | Oekobau dat 2017-I, EPD Wasserdichte, flexible | | | + | |
| C4-balancing | Naterproof, protective, flexible coating, 1.5 kg/l, Lastogum (PCI Nageburg) | 75.18m2 | 0 | 0 Floor slabs, callings, roofing decks, beams and roof | 1 | | 2.3.Roofs 2.3.Roofs | | Waterproofing roofing system incl. insulation and concrete tiles, for UK | Sealarts (slicone and others) | Schutzschicht PCI Laetogum unter Keramikbelägen in Dusche und Bad PCI Augeburg GmbH | Waterproof, protective, flexible coating | | P7 | |
| D Co-catancing | Concrete roof tiles, Aug. thickness per m2: 22.4 mm, 334x420 nm, 2100 kg/m3 (Eternit) | 75.18m2 | -78.86 | -157.0 Floor slabs, ceilings, roofing decks, beams and roof | 22.4 | | 2.1.Roofs | | Waterproofing roofing system incl. insulation and concrete steer, for UK | Other precast concrete products | EPD Elemit Dachatein Heidelberg Etemit Dachatein Verona Etemit Dachatein Göteborg Etemit Dachatein | Concrete roof tiles | | P2 | |
| - | | 75.10m2 | -39.04 | -78.08 Floor slabs, ceilings, roofing decks, beams and roof | | | 23.Roofs | | Natemenetics metion waters incl. insulation and concrete | | Kapetadi Elevit AG One Click LCA | Geolexille, generic | | | |
| 0 | Sectestile, generic, 312 g/m2 (1.02 oz/f0), Composition: PP ret, non-woven PE feit (One Click LCA) | 7.4.19194 | -08.04 | The set room sease, carrings, rooming server, searche and room | | | 23.Roofs 23.Roofs | | tiles, for UK | Passa menorana | | Secondary General | | | |
| A1-A3 Product stage (eecl. C | Quarter turn wooden staincese, width: 1.2 m, 90 kg/m (One 6 | 5.5m | 2196.5 | 2273.7 254.27 Other structures and materials | | Staircase | 2.4.1.Star | | | Plain wood/timber (softwood and hardwood) | One Click LCA | Quarter tum wooden staircase | | PS | 4 |
| sequestered carbon) A1-A3 Sequestered Carbon | LDA) Suanter tum wooden staincase, width: 1.2 m, 98 kg/m (One I CA) | 5.5m | -990 | -990 Other structures and materials | | Staircase | 24.1.Stair | | | Plain wood/timber (softwood and hardwood) | One Click LCA | Quarter tum wooden staitcase | | P5 | |
| м | CA) Castler turn wooden staincase, width: 1.2 m, 98 kg/m (One 6 CA) | 5.5m | 15.46 | 15.40 Other structures and materials | | Staircase | 24.1.Stair | | | Plain wood/timber (softwood and hardwood) | | Quarter turn wooden staircase | | PS . | |
| 453 | Quarter turn wooden staincase, width: 1.2 m, 98 kg/m (One I .CA) | 5.5m | 7.58 | 7.58 Other structures and materials | | Staircase | 24.1.Stair | | | Plain wood/limber (softwood and hardwood) | | Quarter turn wooden staècase | | PS . | 4 |
| 83 | CA) CA) Quarter turn wooden staincase, width: 1.2 m, 98 kg/m (Che I Quarter turn wooden staincase, width: 1.2 m, 98 kg/m (Che I | 5.5m | 0 | © Other structures and materials | | | 24.1.5tair 24.1.5tair | | | Plain wood/timber (softwood and hardwood) | One Click LCA One Click LCA | Quarter tum wooden staircase | Trailer combination, 40 ton capacity, 1001 | PS 75 PS | 4 |
| 2 | CA) Suarter turn wooden staincase, width: 1.2 m, 98 kg/m (One I | 55n 55n | 1.00 | 2.00 Other structures and materials 6.00 Other structures and materials | | | 24.1.Stair 24.1.Stair | | | | One Click LCA | Quarter turn wooden staircase Quarter turn wooden staircase | Si rate | - 195 4085 | |
| C2-balancing | .CA) Quarter turn wooden staincase, width: 1.2 m, 98 kg/m (One I | 5.5m | 990 | 990 Other structures and materials | | | 24.1.5tair | | | | One Click LCA | Quarter turn wooden staticase | | P5 | |
| 0 | LDA) Suanter tum wooden staincase, width: 1.2 m, 98 kg/m (One I CA) | 5.5m | -100.05 | -361.68 Other structures and materials | | Staircase | 24.1.Stair | | | Plain wood/timber (softwood and hardwood) | | Quarter tum wooden staitcase | | P5 | |
| | | | 385.3 | 306.33 | | | 24.1.5m/ | | | | Oekobau dat 2017-1, EPD Mineralische Werkmörtel: | | | | |
| A1-A3 Product stage (eecl. A sequestered carbon) | oropensee, 1500 kg/m3, 6/O coverage: >1500 kg/m3 (/WM) | 10.15m2 | 35.65 | 35.65 External walks and facade | 10 | | 2.5.External envelope including roof finishes | | Masonry cavity wall with partial fill and aircrete block + plasterboard inner leaf, U-value 0.18 | Mortar (masorry/bricklaying) | Mauemõrtel - Vormauemõrtel Mõrtel mit besonderen Eigenschaften Industrieverband WerkMörtel e.V. (IMM) Oskobau dat 2017-L EPD Mineralische Werkmörtel: | Maxony mortanitacing wall mortanimortan with special properties | | P2 | 4 |
| A1-A3 Product stage (eecl. sequestered carbon) | | 30.362m2 | 106.65 | 106.02 External walks and facade | 10 | | 2.5.External envelope including roof finishes | | Masonry cavity wall with partial fill and aircrete block + plasterboard inner lead, U-value 0.18 | Mortar (masorrylbricklaying) | Dekobau dat 2017-I, EPD Mineralische Werkmörtei: Mauermörtei - VormauermörteilMörtei mit besonderen Eigenschaften Industrieverband WerkMörtei e.V. (WM) | Masony motar/lacing wall motarimotar with special properties | | P2 | |
| A1-A3 Product stage (eecl. sequestered carbon) | Red brick, average production, UK, 215 mm x 102.5 mm x 65 | 157.64m2 | 5110.00 | 5110.80 External walks and facade | 102.5 | 60 bricks (65 mm x 215 mm x 102 mm) oer m2 | 2.5.External envelope including roof finishes | | Masonry cavity wall with partial fill and aircrete block + plasterboard inner leaf, U-value 0.18 | Brick common clau brick | Eigenscharten Inclumeverband werekkons e.v. (Intel EPD BDA Generic Brick, The Brick Development Association | Red brick, average production, UK | | P11 | |
| sequestered carbon) A1-A3 Product stage (eecl. | ECA) Ltd (2019)) Ightweight concrete block, with expanded clay appregate, | | | | | | | | | | | | | | |
| sequestered carbon) | | 177.65m2 | 7667.86 | 7667.86External walks and facade | 215 | 440mm x 215mm x 215mm (10 blocks per m2) | 2.5.External envelope including roof finishes | | Masonry cavity wall with partial fill and aircrete block + plasterboard inner leaf, U-value 0.18 | Availed Autoclaved concrete products | One Click LCA | Lightweight concrete block, with expanded city aggregate, gene | 6c | P2 | - |
| A1-A3 Product stage (eecl. | Nink, R = 2.70 m2KW (15 82*Fh/BTU), 150 kg/m3 (8.36 he/P3) isonicable for densities: 100,150 kn/m3 (6.34,2.35 | 188112 | 5532.95 | 5532.95External walls and facade | 150 | | 2.5.External envelope including roof finishes | | Manonry cavity wall with partial fill and aircrete block + plasterboard invertiant il Looks 0.18 | Stone wool insulation | One Click LCA | Stone wool insulation panels, unfaced, generic | | Pa | |
| A1-A3 Product stage (sect. sequestered carbon) | berto) (appectable for denisteal: 100-150 kg/ml (k.24-4.36 behtő)(, Lambdar-0.007 W(m.K) (One Click LCA) gypsem plaster board, regular, genetic, 65-25 mm (0.25-0) n), 10.725 kg/m2 (2.20 be/t2) (for 12.5 mm/0.49 in), 858 kg/m3 | | | | | | | | | | | | | +' | 1 |
| A1-A3 Product stage (eec) sequestered carbon) A1-A3 Product stage (eec). 0 | n), 10.725 kg/m2 (2.20 ba/t2) (for 12.5 mm/0.49 in), 858 kg/m3 53.6 ba/t3) (One Cick LCA) Speam plaster, 1100 kg/m3 (Bundesverband der Sizeindustrie) | 188m2 | 501.96 | 521.98 External walls and facade | 12.5 | | 2.5.External envelope including roof finishes | | Masonry cavby wall with partial fill and alcosts block + plasterboard inner leaf, U-salas 0.18 Masonry cavby wall with partial fill and alcosts block + | Regular gypsum board | One Click LCA Dekobau dat 2017-1, EPD GIPSPUTZ Bundesverband o | Gypeum plaster board, regular, generic | | P232 | 4 |
| sequestered carbon) | Sypsum plaster, 1100 kg/m3 (Bundesverband der Speindustrie) | 188m2 | 8.5 | 84.57 External walls and facade | 3 | | 2.5 External envelope including roof finishes | | Masonry cavity wall with partial fill and aircrete block + plasterboard inner leaf, U-value 0.18 | Oypsum plaster (interior applications) | Oekobau dat 2017-1, EPD GIPSPUTZ Bundesverband o Gipsindustrie e.V. | 5 _{ypeun plaster} | | P232 | |
| A1-A3 Product stage (eac sequestered carbon) | | | 19120.58 | 19120.58 | | | 2.5.External envelope including roof finishes | | | | | <u> </u> | | | |
| A1-A3 Sequestered Carbor | ifasonry mortanifacing wall mortanimortar with special properties, 1500 kg/m3, EPD coverage: >1500 kg/m3 (WMA) | 10.15m2 | • | d External walks and facade | 10 | - | 2.5.External envelope including roof finishes | | Masonry cavity wall with partial fill and aircrete block + plasterboard inner lead, U-value 0.18 | Mortar (masorrybricklaying) | Oekobau dat 2017-I, EPD Mineralische Werkmödel: Mauermödel - Vormauermödel/Mödel mit besonderen Eisenschaften Industrieverband WerkMödel e.V. (WMI | Masony motarifacing wall motarimotar with special properties | | P2 | |
| | | 30.363m2 | | di External walls and facade | 10 | | 2.5.External envelope including roof finishes | | Masonry cavity wall with partial fill and aircrete block + plasterboard inner leaf. U-value 0.18 | Vortar (masorrybricklavino) | Eigenschaften Industrieverband WerkMörteil e.V. (WM) Dekobau dat 2017-1, EPD Mineralische Werkmörteil | Masony morter/facing wall morter/morter with special properties | | - | |
| | | | | | 10 | | | | | | Maxemòtel - Vornaxemòtel/Mótel nit besonderen Egenschaften Industrieverband WerkMötel e.V. (IWM) EPD BDA Generic Brick, The Brick Development | | | f_ | |
| A1-A3 Sequestered Carborn | nm, 2.13 kglunit, 1485 kg/m3 (Brick Development Association BDA) Ltd (2019)) | 157.64m2 | 0 | 0 External walks and facade | 922.5 | 60 bricks (65 mm x 215 mm x 102 mm) per m2 | 2.5.External envelope including roof finishes | | Masonry cavity wall with partial fill and aircrete block + plasterboard inner leaf, U-value 0.18 | Brick, common clay brick | Association | Red brick, average production, UK | | P33 | 4 |
| A1-A3 Sequestered Carborg | BDA) Ltd (2019)) ightweight concrete block, with expanded clay apprepate, preser, d50 kg/m3 (40.6 ba/f0), 18 kg/block (20.7 ba/block), brid hold bird man (20.0 ba/f0), 02 ba/block (20.7 ba/block), | 177.85m2 | • | © External walks and facade | 215 | 640mm x 215mm x 215mm (10 blocks per m2) | 2.5 External envelope including roof finishes | | Masonry cavity wall with partial fill and aircrete block + plasterboard inner lead, U-value 0.18 | Aerated/Autoclaved concrete products | One Click LCA | Lightweight concrete block, with expanded clay aggregate, gene | 6c | P2 | |
| | 0.5x0.3x0.185 mm (0.019x0.012x0.007 in) (One Click LCA) Store wool Insulation panels, unfaced, generic, L = 0.037 WinK, R = 2.70 m2K/W (15.82*Fn/BTU), 150 kg/m3 (8.36 bst/b) (asplicatilis for densities: 100-150 kg/m3 (8.34-3.06 | | | 0 External walks and facade | | | 2.5.External envelope including roof finishes | | Masonry cavity wall with partial fill and aircreis block + plasterboard inner lead, U-value 0.18 | Stone wool insulation | One Click LCA | Stone wool insulation panels, unfaced, generic | | 1 | |
| A1-A3 Sequestered Carbor | balt3) (applicable for densities: 100-150 kg/m3 (6.24-9.36 balt3)), Lambda=0.037 W/m X) (One Click LCA) | 100112 | 0 | d External walks and facade | 150 | | 2.5.External envelope including roof finishes | | | Stone wool insulation | One Click LCA | Stone wool insulation panels, unfaced, generic | | Pa | |
| A1-A3 Sequestered Carborn | berta ji Jappezale kir dentinei: 100-150 kg/m3 (6.244.36 bertā) (J. Lambérd-0.07 Wijm-Kr) (Char Click LCA) Sypsem plaster board, regular, genetic, 6.5-25 mm (0.25-0.40 n), 107.25 kg/m2 (2.20 ba/H2) (for 12.5 mm/0.49 kn), 656 kg/m3 15.6 bertiliti (J. 100-101) | 100112 | 0 | 0 External walks and facade | 12.5 | | 2.5.External envelope including roof finishes | | Masonry cavity wall with partial fill and aircrete block + plasterboard inner lead, U-value 0.18 | Regular gypsum board | One Click LCA | Gypeum plaster board, regular, generic | | P232 | |
| A1-A3 Sequestered Carbor | 53.6 bx/t3) (One Click LCA) Syssum plaster, 1100 kg/m3 (Bundesverband der Sipsindustrie) | 100+12 | 0 | 0 External walks and facade | 3 | | 2.5.External envelope including roof finishes | | Masonry cavity wall with partial fill and aircrete block + plasterboard inner leaf, U-value 0.18 | Gypsum plaster (interior applications) | Oekobau dat 2017-1, EPD GIPSPUTZ Bundesverband o Gipsindustrie e.V. | Sypeum plaster | | P232 | 4 |
| A1-A3 Sequestered Carbon | | | | | | | 2.5.External envelope including roof finishee | 1 | | | | | | | |
| | Masonry mortaeffacing wall mortae/mortar with special properties, 1500 kg/m3, EPD coverage: >1500 kg/m3 (WM) | 10.15112 | 2.92 | 2.92 External walls and facade | 10 | | 2.5.External envelope including roof finishes | | Masonry cavity wall with partial fill and aircrete block + plasterboard inner lead, U-value 0.18 | Mortar (masorrylbricklaying) | Dekobau dat 2017-1, EPD Mineralische Werkmörteit Mauermörtei - Vormauermörteil Mörtei mit besonderen Prozestellen lede seite schoeder Werkhörteil - V. (1918) | Masony motar/lacing wall motarimotar with special properties | | P2 | |
| | | 30.363m2 | 472 | 8.72 External walks and facade | 10 | | 2.5.External envelope including roof finishes | | Masonry cavity wall with partial fill and aircrete block + | Vortar (masorrythricklavino) | Oekobau dat 2017-1, EPD Mineralische Werkmörtei: Mauermörtei - Vormauermörtei/Mörtei mit besonderen | Maxony motar/facing wall motarimotar with special properties | | P2 | |
| - | and both in more employing 100 Alf and a 100 from a f | | | | | | | | plasterboard inner leaf, U-value 0.18 Masonry cavity wall with partial fill and aircrete block + | | Eigenschaften Industrieverband WerkMörtei e.V. (WM) EPD BDA Generic Brick, The Brick Development | | | - | |
| | | 157.64m2 | 459.67 | 452.67 External walks and facade | 922.5 | 60 bricks (65 mm x 215 mm x 102 mm) per m2 | 2.5.External envelope including roof finishes | | plasterboard inner leaf, U-value 0.18 | Brick, common clay brick | Association | Red brick, average production, UK | | Paa | |
| | Jphweight concrete block, with expanded clay aggregate, penetic, 650 kg/m3 (40.6 bs/t3), 18 kg/block (39.7 bs/block), 0.5x0.3x0.185 mm (0.019k8 012x0.007 in) (One Click LCA) | 177.85m2 | 714.25 | 714.22 External walks and facade | 215 | 640mm x 215mm x 215mm (10 blocks per m2) | 2.5.External envelope including roof finishes | | Masonry cavity wall with partial fill and aircrete block + plasterboard inner leaf, U-value 0.18 | Aerated/Autoclaved concrete products | One Click LCA | Lightweight concrete block, with expanded clay aggregate, gene | 6c | P2 | : |
| | Stone wool insulation panels, unfaced, generic, L = 0.037 Mimit: P = 2.70 m/26/W/155 #212b/BTID: 150 kolm1/B-36 | | 8.9 | 81.04External walks and facade | | | 2.5.External envelope including roof finishes | | Masonry cavity wall with partial fill and aircreis block + plasterboard inner leaf, U-value 0.18 | Stone wool insulation | One Click LCA | Stone wool insulation panels, unfaced, generic | | | |
| ~ | bs/t3) (applicable for densities: 100-153 kg/m3 (6.24-9.35 bs/t3)(, Lambda=0.037 W(m.K) (One Click LCA) | | | ET OFFICIER WAR AND INCOME | 1.00 | | | | | | | and the second | | | |
| м - | bit Oppgebater to wateria. Do tight (p. 244.57 Beta)(), Landerd 0.07 W(m. K) (Das Click (LGA) Oppson plaster boad, regular, generic, 6.5-25 mm (0.25-0.8 n), 10.255 kpim2 (2:20 bat02) (for 12.5 mm/0.49 in), 656 kpim3 35 d bat03) (Das Click (LGA). | 100112 | 38.63 | 38.63 External walls and facade | 12.5 | | 2.5.External envelope including roof finishes | | Masonry cavity wall with partial fill and aircrete block + plasterboard inner leaf, U-value 0.18 | Regular gypeum board | One Click LCA | Gypeum plaster board, regular, generic | | P232 | 1 |
| M | 53.6 bott3) (One Olick LCA) Syssem plaster, 1100 kg/m3 (Bundesverband der Speindustrie) | 188112 | 11.86 | 11.86 External walks and facade | 3 | | 2.5.External envelope including roof finishes | | Masonry cavity wall with partial fill and aircrete block + plasterboard inner lead, U-value 0.18 | Gypsum plaster (interior applications) | Oekobau dat 2017-1, EPD GIPSPUTZ Bundesverband o Gipsindustrie e.V. | Sypeum plaster | | P232 | 1 |
| м | Mannov meterflarino wall montachmeter with smartal | 10.15m2 | 1217.00 | 1217.00 | | | 2.5 External envelope including roof finishes 2.5 External envelope including roof finishes | | Masonry cavity wall with partial fill and aircreas block + plasterboard inner leaf. U-value 0.18 | Notar imasorrybricklavinci | Oekobau dat 2017-1, EPD Mineralische Werkmörtei: | Maxony motar/lacing wall motar/motar with special properties | | | |
| 1253 1 | properties, 1500 kg/m3, EPD coverage: >1500 kg/m3 (WM) | | 1.50 | | 10 | | | | | | Mauermörtel - Vormauermörtel/Mörtel mit besonderen Eigenschaften Industrieverband WerkMörtel e. V. (WM) Debohau det 2017JJ EDD Mouralische Werkmörter | | | P2 | |
| A53 | soperses, 1500 kg/m3, 6PD coverage: >1500 kg/m3 (rWM) | 30.362+2 | 4.67 | 4.67 External walls and facade | 10 | | 2.5.External envelope including roof finishes | | Masonry cavity wall with partial fill and aircrete block + | Mortar (masonry/bricklaying) | In contrast of the second state and the second second | Masonry mortan/facing wall mortanimortar with special properties | | | |
| 453 | Red brick, average production, UK, 215 mm x 102.5 mm x 65 mm, 2.13 kglunit, 1485 kg/m3 (Brick Development Association | 157.64m2 | 338.95 | 238.92 External walks and facade | 102.5 | 60 bricks (65 mm x 215 mm x 102 mm) per m2 | 2.5.External envelope including roof finishes | | Masonry cavity wall with partial fill and aincrete block + plasterboard inner leaf, U-value 0.18 | and a feature becoming | Eigenschaften Industrieverband WerkMörtel e.V. (IWM) | easing increasing was not a more and special properties | | P2 | |
| 453 | BDA) Ltd (2019)) | 177.65m2 | | | | | 2.5 saternal envelope including root trisines | | | | Mauemone - vomauemonendone ni besoneren Egenschaften Industrieverband WerkMone e.V. (WM) EPD BDA Generic Brick, The Brick Development Association | Red brick, average production, UK | | P2 P33 | |
| F | prieric, 650 kg/m3 (43.6 Exitt3), 18 kg/block (34.7 Exiting), 3540 340 185 mm (0.019x0012x0.007 in) (One Click LCA) | | 14.0 | 64 67 External walks and formula | | Allows v 215mm v 215mm /10 blocks71 | | | | Brick, common clay brick | EPD BDA Generic Brick, The Brick Development Association | Red brick, average production, UK | - | P2 P33 | |
| | | 177.8082 | 84.63 | 64.63 External walls and facade | 215 | 640mm x 215mm x 215mm (10 blocks per m2) | 2.5.External envelope including roof finishes | | Masonry cavity wal with partial fill and alcosets block + plasterboard inner lead, Li-sake 0.18 Masonry cavity wal with partial fill and alcosets block + plasterboard inner lead, Li-sake 0.18 | | Egenschaften Industrieverband WerkMönie V. (WM) EPO BDA Generic Brick, The Brick Development Association Cree Click LCA | | 62 | P2 P30 P2 | |
| 453 | Althe wood insulation panels, untropid, generic, L = 0.037 Minik, R = 2.70 m2K/W (15 ft2 "FNBTU), 150 kg/m3 (8.36 Minik, R = 2.70 m2K/W (15 ft2 "FNBTU), 150 kg/m3 (8.36 | 100002 | 84.63 294.65 | 64.02 External walks and facade | 215 | 440mm x 215mm x 215mm (10 blocks per m2) | | | Masonry cavity wall with partial fill and aircrete block + plasterboard inner leaf, U-value 0.18 | Brick, common clay brick | EPD BDA Generic Brick, The Brick Development Association | Red brick, average production, UK | к. | P2 P33 P2 P3 | |
| 453 | Althe wood insulation panels, untropid, generic, L = 0.037 Minik, R = 2.70 m2K/W (15 ft2 "FNBTU), 150 kg/m3 (8.36 Minik, R = 2.70 m2K/W (15 ft2 "FNBTU), 150 kg/m3 (8.36 | 107.188m2 188m2 | | 394.62 External walks and facade | 215 | 440mm x 215mm x 215mm (10 blocks per m2) | 2.5 External envelope including roof finishes | | Matery a woly ward with partial fill and instruction block - plantinetic from Intel (Li-stand 6.18) Matery and why ward with partial fill and airvenis block - plantineticaed inorm intel U-stand 6.18 Matery woly ward with partial fill and airvenis block - phantineticaed inorm intel (U-stand 6.18) | Brick, common clay brick Austind Autoclayed concrete products Stone wood insulation | EPD BDA Garenic Birk, The Brick Development Association One Olick LCA | Red bride, average production, UK Lightweight concrete block, with expanded clay apgregate, game tome wool insulation panels, unfaced, generic | к | P2 P33 P2 P3 P2 | |
| A53 A53 | sidea woo nikuuson panak, umsuot, ganikot, = 0.037 wikit, R = 2.70 mulkit, ISS 24/mil (2.86 bith)) papotable for denative: 100-153 kg/ml (2.84 bith)], Landedre 207 W(Hi K) (2m Cl kit, LCA) dipsem planter board, regular, genetic, 55-25 mm (3.85, 0.65 kg/ml (2.26 bith)) (0m Cl kit, LCA) 53.6 bith)) (Om Cl kit, LCA) Same planter, 1000 kg/ml (3m cl kith), 658 kg/ml Same planter, 1000 kg/ml (3m cl kith) | 188 m2 188 m2 | 204.62 | 394.62External walks and facade | 215 150 12.5 | | 2.5.External envelope including roof finishes 2.5.External envelope including roof finishes 2.5.External envelope including roof finishes | | Manary carry and any particle for advance back- methodows mine wide (-share) and - back stream wide wide back wide (-share) and - particle stream wide (-share) and - particle stream wide (-share) and - the stream w | Brick, common clay brick Aerated'Autoclawed concente producte Stone wool insulation Regular gypeum board | EPO BIA Generic Brick, The Brick Development Association One Click LCA One Click LCA One Click LCA Development 20174 EPO GEPSPUT2 Bunderwetand C | Red brick, average production, UK Sightweight concrete block, with reparcied city aggregate, gone Sacra wood Insulation panels, unfaced, generic Oppean pileties boxet, regular, generic | кс | P2 P33 P2 P3 P232 P232 | |
| 453 453 453 | Anex, R. = 2.30, acc609 (15) 97153070, 150 kgrol (2.3) behavior of the analysis of the acceleration of the | 177.00m2 188m2 188m2 | 204.62 | 394.62External walks and facade | 215 150 12.5 3 | | 2.5 External envelope including roof finishes | | Meaning many ward with predict ID and around black maintained ward in which C-shared S-10 Meaning Meaning many ward with predict ID and arounds black - analistication that (C-shared S-10 Meaning Meaning many ward with predict ID and arounds black - shared ward ward in which C-shared S-10 Meaning many ward ward in which ID and arounds black - maintained ward in which C-shared S-10 Meaning Meaning many ward with predict ID and arounds black - maintained ward in which C-shared S-10 Meaning Meaning many ward with predict ID and arounds black - Meaning many ward ward predicted ID and arounds black - Meaning many ward ward predicted ID and arounds black - Meaning many ward ward predicted ID and around black - Meaning many ward ward predicted ID and around black - Meaning many ward ward predicted ID and around black - Meaning many ward ward predicted ID and around black - Meaning many ward ward predicted ID and around black - Meaning many ward ward predicted ID and around black - Meaning many ward ward predicted ID and around black - Meaning many ward ward predicted ID and around black - Meaning many ward ward predicted ID and around black - Meaning many ward ward predicted ID and around black - Meaning many ward ward predicted ID and around black - Meaning many ward ward predicted ID and around black - Meaning many ward ward predicted ID and around black - Meaning many ward ward predicted ID and around black - Meaning many ward ward predicted ID and around black - Meaning many ward ward around black - Meaning many ward ward ward ward ward ward ward ward | Brick, common clay brick Austind Autoclayed concrete products Stone wood insulation | DPD BDA Generic Brick, The Brick Development Association One Clock LCA One Clock LCA One Clock LCA Descharted 20171, LCPC OPSIPUTZ Bundsevertand or Descharte a V. | Red bride, average production, UK Lightweight concrete block, with expanded clay apgregate, game tome wool insulation panels, unfaced, generic | κ | P2 P30 P2 P3 P22 P222 P222 | |
| 453 453 453 453 83 | Meter work analasch prävel, Ler stradung, general, L. e. 1013 Meter K. P. 2. 215, mol/2015 (125 FShatt), to Share (12 Sare) and Tol (specialized for densities) and the total of the total analastic Landovid-self (12 Sare) and the total of the total analastic total, regular, general, EA-25 mm (0, 25-26 m (1), 125 kg/m) (2) basic (12 Kg/m) (2) Sare) (2) Sare) 2018 basis) (2) basis (2) Sare) (2) Sare) (2) Sare) 2018 basis) (2) basis (2) Sare) (2) Sare) (2) Sare) 2018 basis) (2) Dava (2) Sare) (2) Sare) (2) Sare) 2018 basis) (2) Dava (2) Sare) (2) Sare) (2) Sare) (2) Sare) 2018 basis) (2) Sare) (2) Sare) (2) Sare) (2) Sare) (2) Sare) 2018 basis) (2) Sare) (2) Sare) (2) Sare) (2) Sare) (2) Sare) 2018 basis) (2) Sare) (2 | 188 m2 188 m2 | 204.62 | 204.62 External walts and facule 26.62 External walts and facule 4 External walts and facule | 215 150 12.5 3 10 | | 2.5 External envelope including roof finishes 2.5 External envelope including roof finishes 2.5 External envelope including roof finishes 2.5 External envelope including roof finishes | | Manary carry and any particle for advance back- methodows mine wide (-share) and - back stream wide wide back wide (-share) and - particle stream wide (-share) and - particle stream wide (-share) and - the stream w | Brick, common clay brick Aerated'Autoclawed concente producte Stone wool insulation Regular gypeum board | DPI BDA General: Brick, The Brick Development Association One Clock LCA One Clock LCA One Clock LCA One Clock LCA Seatomate and 2017. LTD CaPPEPUT2 Bundementand of Seatomate 2017. LTD Diseatomate Websited | Red brick, average production, UK Sightweight concrete block, with reparcied city aggregate, gone Sacra wood Insulation panels, unfaced, generic Oppean pileties boxet, regular, generic | 6. | P2 P33 P2 P3 P2 P232 P232 P232 P232 | |
| 453 453 453 83 83 | μους -1.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2 | 188m2 188m2 188m2 | 204.62 | 204. 45 Schemal walts and facade 26. 45 Schemal walts and facade 4 Schemal walts and facade 455.46 | 215 150 125 3 10 | | 2 5 External envelope including noof briefwes 2 5 External envelope including noof briefwes | | energy such you do in the point of the out atoms back - memory such you do in any point of the point of the such atoms back - memory such you do in any point of the such atoms back - memory such you do its point of the such atoms back - memory such you do its point of the such atoms back - memory such you do its point of the such atoms back - memory such you do its point of the such atoms back - memory such you do its point of the such atoms back - memory such you do its point of the such atoms back - memory and the such of such at atoms back - memory and the such of such at atoms back - memory and the such of such at a such back - memory and the such of such at a such back - memory and the such of such at a such back - memory and the such of such at a such back - memory and the such of such at a such back - memory and the such at a sub- | Bink, connon day biok Anathef Antacleved concerts products Stars wood insulation Ragular gynum hand Opsam planter (Institr applications) | DPI DIG General Entry, The Bold Development Association One Disa LGA See Disa LGA See Disa LGA Sea Disa LGA S | Retriction, servinger restantions, UK Suptometiget converte block, with expendent day appropriat, gave Barrow ward installed op present: Signam spherer Barrow productions of participations with special properties Marcoro, mande barling and materialmeter with special properties Marcoro, mande barling and materialmeter with special properties | 4 4 1 | P2 P33 P2 P3 P3 P3 P232 P232 P232 P2 P2 P2 P2 | |
| AG3 AG3 AG3 AG3 B3 B3 | have a set of the set | 588 m2 588 m2 58 | 204.62 | 264 E Conseri with and Roads 24 EE Conseri with and Roads 4 E Conseri with and Roads 464 E 5 E Conseri with and Roads 5 E Conseri with and Roads | 215 150 12.5 3 10 10 | | 2.5 Educated envelope including out fiscales 2.5 Educated envelope including out fiscales 2.5 Educated envelope including out fiscales 2.6 Educated envelope including out fiscales | | Wearry surply and rate is used to a same back is assumed and one of cyclaria & 10. Meaning young wat any puelly and you at a same back is assumed and the cyclaria is a similar of the cyclaria is a meaning wat any and in puelly and the cyclaria is a meaning wat any and in puelly and the cyclaria is a meaning wat any and in puelly and the cyclaria is a meaning wat any and in puelly and the cyclaria is a meaning wat any and in puelly and the cyclaria is a meaning wat any and in puelly and the cyclaria is a meaning wat any and in the cyclaria is a meaning wat any and any and the cyclaria is a meaning wat any and any and the cyclaria is a meaning wat any and any and any any any any any any any meaning wat any | Book, common sky brick Anarkel Antochened concernis products Sinow word hunderin Regular generations Generation planter (Interne registrations) Munter (Insearce registrations) Munter (Insearce)schicklapping | OPI DIG American Eran, Tan Brick Development Manadam Orac Disa LCA Des Clas LCA Des | Restrick severage restrictions UK Epithetery correction block, with reported day appropring per- like the second restriction permit, whether generic Paperse phene basis, traping generic Paperse phene basis Paperse phene basis Paperse productions of the second permitted Reservery modershalling and materialismet with special pergetate Neurory modershalling and materialismet with special pergetate | K | P2 P33 P2 P3 P3 P232 P232 P2 P2 P2 P2 | |
| AG3 AG3 AG3 B3 B3 B3 B3 B3 | A result of the second | 100 m2 100 m2 100 m2 10 Tom2 20 300 m2 157.0 m2 | 204.62 | 2016 Ginterni vaki ard bash 214 Ginterni vaki ard bash 4 ginterni vaki ard bash 4 ginterni vaki ard bash 6 ginterni vaki ard bash 6 ginterni vaki ard bash 6 ginterni vaki ard bash | 215 150 12.5 3 10 10 10 | 90 bridae (65 mm x 215 mm x 102 mm) par m2 | 25 Edward envilops including our fitebox 25 Edward envilops including our fitebox | | Nearry surface of each of each of each other has a mean trace of our each of each other description of each of each of each of each other has a mean each of each o | leis, connex da bat. Anna Antonio ta consis postación Eser war haviator. Regara genen hard Espano plano (mare aplantino) Marte (nexeropholology) Delas, connex da bat. | OPI DIX Careful Ent. The Bith Development Instantion One Clinic LGA See Clinic LGA Clinic LGA Clini | Reinfold, severage production, UK angleneight networks that, with expended the spyrapher, parts Tarow water installation parents, velocat, parents. Reparent production, spyrapher parents. Research parts and sport parents and sparse parents Research parents and sport parents and sparse parents. Research parents and sport parents and sparse parents. Research parents and sport parents and sparse parents. | | P2 P33 P2 P3 P232 P232 P232 P232 P2 P232 P2 P33 | |
| A63 A63 A63 A63 B3 B3 B3 B3 B3 B3 | when the 2-2 and only of Let PHABU, the large 12 all the lipitants is a two may be to the type of 2 all the lipitants is a two may be to the type of 2 all the lipitants is a two may be the lipitant of the lipitant prover particular the lipitant of the lipitant of the lipitant of the lipitant of the lipitant of the lipitant of the lipitant sector of the lipitant of the lipitant of the lipitant sector of the lipitant of the lipitant of the lipitant sector of the lipitant of the lipitant of the lipitant sector of the lipitant of the lipitant of the lipitant sector of the lipitant of the lipitant of the lipitant sector of the lipitant of the lipitant of the lipitant sector of the lipitant of the lipitant of the lipitant of the sector of the lipitant of the lipitant of the lipitant of the sector of the lipitant of the lipitant of the lipitant of the sector of the lipitant of the lipitant of the lipitant of the sector of the lipitant of the lipitant of the lipitant of the sector of the lipitant of the lipitant of the lipitant of the sector of the lipitant of the lipitant of the lipitant of the sector of the lipitant of the lipitant of the lipitant of the sector of the lipitant of the lipitant of the lipitant of the sector of the lipitant of the lipitant of the lipitant of the sector of the lipitant of the lipitant of the lipitant of the lipitant of the sector of the lipitant of the | 588 m2 588 m2 58 | 204.62 | 264 E Conseri with and Roads 24 EE Conseri with and Roads 4 E Conseri with and Roads 464 E 5 E Conseri with and Roads 5 E Conseri with and Roads | 215 150 12.5 3 10 10 10 202.5 215 | | 2.5 Educated envelope including out fiscales 2.5 Educated envelope including out fiscales 2.5 Educated envelope including out fiscales 2.6 Educated envelope including out fiscales | | Wearry surply and rate is used to a same back is assumed and one of cyclaria & 10. Meaning young wat any puelly and you at a same back is assumed and the cyclaria is a similar of the cyclaria is a meaning wat any and in puelly and the cyclaria is a meaning wat any and in puelly and the cyclaria is a meaning wat any and in puelly and the cyclaria is a meaning wat any and in puelly and the cyclaria is a meaning wat any and in puelly and the cyclaria is a meaning wat any and in puelly and the cyclaria is a meaning wat any and in the cyclaria is a meaning wat any and any and the cyclaria is a meaning wat any and any and the cyclaria is a meaning wat any and any and any any any any any any any meaning wat any | Book, common sky brick Anarkel Antochened concernis products Sinow word hunderin Regular generations Generation planter (Interne registrations) Munter (Insearce registrations) Munter (Insearce)schicklapping | OPI DIG American Eran, Tan Brick Development Manadam Orac Disa LCA Des Clas LCA Des | Restrick severage restrictions UK Epithetery correction block, with reported day appropring per- like the second restriction permit, whether generic Paperse phene basis, traping generic Paperse phene basis Paperse phene basis Paperse productions of the second permitted Reservery modershalling and materialismet with special pergetate Neurory modershalling and materialismet with special pergetate | n. | P2 P33 P2 P3 P232 P232 P232 P2 P2 P2 P2 P33 P2 | |
| AG3 AG3 AG3 AG3 AG3 AG3 AG3 AG3 AG3 AG3 | med, e. 1. 20 and 2014 USE THE SHE USE AND ADDRESS ADD | 100 m2 100 m2 100 m2 10 Tom2 20 300 m2 157.0 m2 | 204.62 | 34 Geometration of locals 24 Geometration of locals 24 Geometration of locals 25 Geometration of locals 26 Geometration of | 215 130 12.5 3 10 10 10 10 215 215 | 90 bridae (65 mm x 215 mm x 102 mm) par m2 | 2.5 Edward working in rollands and faster 2.5 Edward working in rollands gas faster 2.5 Edward working in rollands gas 2.5 Edward working in rollands 2.5 Edward working in rollands gas faster 2.5 Edward working in rollands gas faster | | Nearry surface of each of each of each atoms back - memory surface and coll under 3 bits description of each of each of the each atoms back - memory surface and each of each atoms back - memory surface and each of each atoms back of each other atoms and each of each atoms back of each other atoms and each of each atoms back of each other atoms and each of each atoms back of each other atoms and each of each atoms back of each other atoms and each of each atoms back of each other atoms and each other atoms atoms and each other atoms and each other atoms atoms atoms atoms atoms and atoms and each other atoms atoms atoms atoms atoms and atoms atoms atoms atoms atoms atoms atoms atoms atoms atoms atoms atoms atoms atoms atoms atoms atoms atoms atoms | leis, connex da bat. Anna Antonio ta consis postación Eser war haviator. Regara genen hard Espano plano (mare aplantino) Marte (nexeropholology) Delas, connex da bat. | UP DALANE MILLION, THE BAS Destignment without and the second sec | Relation, serving analotion, UK septempt monoido link, alla majorida dia signapole gare Reven and malatine panto, referent garent, Septem andre to man, majori garent, Septem andre to many management Sectors, serving pantomine, UK Revenue, serving pantomine, UK | 6 | P2 P33 P2 P3 P232 P232 P232 P2 P2 P2 P33 P2 P3 | |
| A53 A53 A53 B3 B3 B3 B3 B3 B3 B3 B3 B3 B3 B3 B3 B3 | med, e. 1. 20 and 2014 USE THE SHE USE AND ADDRESS ADD | 100 m2 100 m2 100 m2 10 Tom2 20 300 m2 157.0 m2 | 204.62 | 24 Source will be for the set 24 Source will be for the set 25 Source will be fortune 26 Source will be fortune 27 Source will be fortune 28 Source will be fortune 29 Source will be fortune 20 Source wil | 215 150 12.5 3 10 10 10 215 215 150 | 90 bridae (65 mm x 215 mm x 102 mm) par m2 | 2.5 Elevand workings including our fitable 2.5 Elevand workings including our fitable | | wavery such you due to provide the set of anoma back a meantmotion of an explorate (1) and (2) and (3) | Res, ennere day lock Analoshi samon jandah Analoshi samon jandah Region jamo jamo jamo jamon jamo jamo jamo jamo jamo jamo jamo jamo | UP (BLC) and the Shr. Ye Bio Devignment when the Shr. Ye Bio Devignment She Call CA She Call | Relation, serving analotion, UK September monohiok, ethio expende day segregate, gave Reven with insulation panels, referent gavest; Reven yourse fraining Reven yourse fraining and informations with special panels Reven yourse monohiology and informations with special panels Reven yourse monohiology and informations with special panels Reven yourse monohiology and informations with special panels Reven you would have a special panels. UK special panels in the special of the special for the special Reven with the statest panels. UK | 4 4 | P2 P2 P33 P2 P3 | |
| AG3 AG3 AG3 AG4 AG4 AG4 AG4 AG4 AG4 AG4 AG4 AG4 AG4 | | 100 m2 100 m2 100 m2 10 Tom2 20 300 m2 157.0 m2 | 204.62 | 34 Geometration of locals 24 Geometration of locals 24 Geometration of locals 25 Geometration of locals 26 Geometration of | 215 150 12.5 3 10 10 10 215 215 150 12.5 | 90 bridae (65 mm x 215 mm x 102 mm) par m2 | 2.5 Edward working in rollands and faster 2.5 Edward working in rollands gas faster 2.5 Edward working in rollands gas 2.5 Edward working in rollands 2.5 Edward working in rollands gas faster 2.5 Edward working in rollands gas faster | | wavery under an elevand or under an annue backs - destination of our of under a list of under a list destination of under a list of under a list of under destination of under a list of under a list of under a list of under destination of under a list of under a list of under a list of under destination of under a list of under a list of under a list of under destination of under a list of under a list of under a list of under destination of under a list | Inter, connexe day both Anatodi Antonio et connek production Tiere wert hankelen Bagdare gynen hand Spann yhnen (mener apskaleken) Marter (menerryfieldingerg) Balt, connexe day bolk Anatogi Autodio da connek production | der Balcharden in der Sterner der Bestehenden im der Sterner der Bestehenden im der Sterner der Bestehenden im der Bestehenden | Relation, serving analotion, UK septempt monoido link, alla majorida dia signapole gare Reven and malatine panto, referent garent, Septem andre to man, majori garent, Septem andre to many management Sectors, serving pantomine, UK Revenue, serving pantomine, UK | 4 4 4 1 1 1 | P2 P2 P30 P2 P3 P2 | |
| AG3 AG3 AG3 AG3 AG3 AG3 AG3 AG3 AG3 AG3 | med, e. 1. 20 and 2014 USE THE SHE USE AND ADDRESS ADD | 100 m2 100 m2 100 m2 10 Tom2 20 300 m2 157.0 m2 | 204.62 | 24 Source will be for the set 24 Source will be for the set 25 Source will be fortune 26 Source will be fortune 27 Source will be fortune 28 Source will be fortune 29 Source will be fortune 29 Source will be fortune 20 Source wil | 215 150 12.5 3 10 10 10 10 215 215 150 150 152 3 | 90 bridae ((f.f. mm x 215 mm x 102 mm) par m2 | External annualize including card finition | | wavery survival with an end of the set at attack has a meantmotion of the set of sets of 1.5 mm sets at a meantmotion of the sets of sets of the sets | Res, ennere day lock Analoshi samon jandah Analoshi samon jandah Region jamo jamo jamo jamon jamo jamo jamo jamo jamo jamo jamo jamo | De Dala Carlos de Castalo de | Relation, serving analotion, UK September monohiok, ethio expende day segregate, gave Reven with insulation panels, referent gavest; Reven yourse fraining Reven yourse fraining and informations with special panels Reven yourse monohiology and informations with special panels Reven yourse monohiology and informations with special panels Reven yourse monohiology and informations with special panels Reven you would have a special panels. UK special panels in the special of the special for the special Reven with the statest panels. UK | * | P2 P2 P33 P2 P3 | |
| A53 A54 A53 B3 B3 B3 B3 B3 B3 B3 B3 B4 B4 | and a 1-2 producti user Yang Bay Charlos San | 100 m2 100 m2 | 204.62 | 34 Second wate of local 35 Second wate of local 36 Second wate of local 36 Second wate of local 46 Second wate of local 47 Second wate of local 48 Second wate of local 48 Second wate of local 49 Second wate of local 40 Second wate of local 40 Second wate of local 41 Second wate of local 42 Second wate of local 43 Second wate of local 44 Second wate of local | 215 150 12.5 3 10 10 10 10 10 215 215 150 12.5 150 12.5 3 3 | 90 bridae ((f.f. mm x 215 mm x 102 mm) par m2 | Elsenial analyse histological fieldes | | watery undy and the put off any stress backs - water stress water of a stress backs - water stress water any stress of a stress stress - water stress water any stress of a stress stress - water stress water any stress stress stress - water stress water stress stress stress - water stress water stress stress stress stress - water stress stress stress stress stress stress - water stress stress stress stress stress stress stress - water stress stress stress stress stress stress stress - water stress stres | Res, ensense day back Anang Alkadowel corrents products Tare and haadwan Angkar gynam hoord Gynam pierer (picture spelatelose) Charle (neurospheldslog) Charle (neurospheld | on production for the Constraints of the Constraint | Relation, sensory analogies, UK apfinger accords tools, whi expendent day appropring per- tagent and relation parels, united, perels. Report yours tool Report yours tool and a statistication with special perpetition Record yours below on the statistication with special perpetition Record yours below on the statistication of the perpetition Record yours below to the statistication of the perpetition Record yours and the perpetition of the statistication of the perpetition Record yours and the statistication of the perpetition of the perp | | P2 P2 P30 P2 P3 P2 | |
| A63 A63 B3 B3 B3 B3 B3 B3 B3 B3 B3 B3 B3 B3 B3 | and, a - 1 2 and 2004 (11 He Y He H). Using (12 Jan 2004) (12 He Y He H). The Second H H H H H H H H H H H H H H H H H H H | 486 of 486 of | 204.62 | 24 Second wile of funct 24 Second wile of funct 25 Second wile of funct 26 Second wile of funct 27 Second wile of funct 28 Second wile of funct 29 Second wile of funct 20 Second wile of fun | 215 150 12.5 10 10 932.5 215 150 12.5 12.5 12.5 12.5 12.5 12.5 12.5 12.5 | 90 bridae ((f.f. mm x 215 mm x 102 mm) par m2 | Ethnin mange including with faith Ethnine ansage including with faith | | wavery undy out on a part of the set on anoma back a mean transform of the set of value 4 104 Weak you wave t | An contrast of y lock Anatochlushined a service (analosis Region agrices hand Agrices agrices hand Agrices agrices and agrices agrices Anatochlushine Anatochlushine Anatochlushine Anatochlushine Agrices agrices agrices agrices Agrices agrices agrices Agrices agrices agrices Agrices agrices Agrices agrices Agrices agrices Agrices agrices Agr | Der Bahr, der Bahr, The Bahr Denkugnen weiter seinen Stehn (1996). Der Berlegenet der Gestalten Schler Schleichen Schleichen Schleren Schleren Schler Schleichen Schler Schleren Schler | Nachina, savage production, UK sprintingst annotation black, with expendent day approach, parte Research and the statest sprinting agenetic Research and the statest sprinting agenetic Research and annotational and approach and Research severage materialism. UK Research and annotational and approach and properties Research assessments tables, with expendent day approach Research assessments tables, and expenses day approach Research assessments tables, and expenses. | | P2 P2 P3 P3 P3 P2 P3 P2 P2 P2 P2 P2 P2 P2 P2 P2 P2 P2 P2 P2 | |
| A53 A53 A53 B3 B3 B3 B3 B3 B3 B3 B3 B3 B3 B3 B3 B4 B4 B4 B4 B4 B4 B4 B4 B4 B4 B4 B4 B4 | and, a 1-2 and 2-4 and | 489-2 489-2 499-2 499-2 499-2 499-2 499-2 499-2 499-2 499-2 499-2 499-2 | 204.62 | Bell Sommanika set kanke | 215 150 12.5 10 10 932.5 150 125 125 125 125 125 125 125 125 125 125 | 90 bridae ((f.f. mm x 215 mm x 102 mm) par m2 | Ethnic except society or ferm Ethnic except society or ferm | | watery undy and the put data of a status back - water and the status of a statu | Ana, annere day lack Anada Atabian (arona y nalada Base and haabian Anada agaan hawi Anada (anama y nalada ana) Anang (anama y nalada ang Anag (anama y nalada ang Ang (ang anam hawi Ang (ang anam hawi Ang (ang anam hawi Ang (ang ang hawi (ang ang ang ang) Ang (ang ang hawi (ang ang ang ang) Ang (ang ang ang ang ang ang ang ang ang Ang (ang | on production for the Constraints of the Constraint | Relative, sensorg analation, UK Septempt encode loss, and expended de agrapeite, para Resear alexander parale, andreas garrens, "Agrante planter alexander garrens, "Agrante planter alexander alexander alexander alexander planter Relative, sensorg and advanced alexander planter Relative and installative and expended alexander Relative and installative approximations." Research advanced Research advanced | A | P2 P2 P3 P3 P3 P2 P3 P2 P2 P2 P2 P2 P2 P2 P2 P2 P2 P2 P2 P2 | |
| 445 445 445 445 445 445 445 445 445 445 | med, et al. 2000 (et al. 2014 (et al. 2014)) (et al. 2014 (et al. 2014)) | 486 of 486 of | 204.62 | 24 Second wile of funct 24 Second wile of funct 25 Second wile of funct 26 Second wile of funct 27 Second wile of funct 28 Second wile of funct 29 Second wile of funct 20 Second wile of fun | 215 150 12.5 3 10 10 10 10 215 150 12.5 150 12.5 3 3 10 10 | 90 bridae ((f.f. mm x 215 mm x 102 mm) par m2 | Editional analogo seculary control for the Editional analogo schedule control for the Editional analogo schedule control for Editional analogo schedule control for Editional analogo schedule control Editional analogo schedule | | supercy suph op all pair puedle of a standard back - descharge on the standard standard | An contrast of y lock Anatochlushined a service (analosis Region agrices hand Agrices agrices hand Agrices agrices and agrices agrices Anatochlushine Anatochlushine Anatochlushine Anatochlushine Agrices agrices agrices agrices Agrices agrices agrices Agrices agrices agrices Agrices agrices Agrices agrices Agrices agrices Agrices agrices Agr | De Dahle Barry, fai de Dahragense de Castalà de Cast | Relation, sensorge analotion, UK septempt monoids table, this expended the signapole gives Regioner alevant transfer, signapole generics Regioner alevant teach, signapole generics Regioner alevant teach, signapole generics Relative, sensort teach of the signapole generics Relative, and the signapole the signapole generics Relati | e | P2 P2 P3 P3 P3 P2 P3 P2 P2 P2 P2 P2 P2 P2 P2 P2 P2 P2 P2 P2 | |
| Ab3 Ab3 Ab3 Ab3 Ab3 Ab3 Ba3 Ba3 Ba3 | and, a is 2 produced to the YMA BB, the Varia BB, and Maria BB, and Maria BB, and Mari | 489-2 489-2 499-2 499-2 499-2 499-2 499-2 499-2 499-2 499-2 499-2 499-2 | 204.62 | Bell Sommanika set kanke | 215 150 12.5 3 3 10 10 | 90 bridae ((f.f. mm x 215 mm x 102 mm) par m2 | Ethnic except society or ferm Ethnic except society or ferm | | watery undy and the put data of a status back - water and the status of a statu | Aniconness any local Aniche Anichean earnets pandoné Marie guest traduction Marie guest traduction Marie preservybelskégeng Anice (meservybelskégeng Anice (meservybelskégeng Anice (meservybelskégeng Anice (meservybelskégeng Anice (meservybelskégeng Anice (meservybelskégeng Anice (meservybelskégeng Anice (meservybelskégeng Anice (meservybelskégeng) | Der Bahr, der Bahr, The Bahr Denkugnen weiter seinen Stehn (1996). Der Berlegenet der Gestalten Schler Schleichen Schleichen Schleren Schleren Schler Schleichen Schler Schleren Schler | Relative, sensorg analation, UK Septempt encode loss, and expended de agrapeite, para Resear alexander parale, andreas garrens, "Agrante planter alexander garrens, "Agrante planter alexander alexander alexander alexander planter Relative, sensorg and advanced alexander planter Relative and installative and expended alexander Relative and installative approximations." Research advanced Research advanced | | P2 P2 P33 P2 P3 P3 P232 P232 P232 P232 | |
| | med, et al. 2000 (CH 100 * 100 × 100 | | ۵۸۹ ۵۹۹ ۵۹۹ ۵۹۹ ۵۹۹ ۵۹۹ ۵۹۹ ۵۹۹ ۵۹۹ ۵۹۹ | Kell alerator and a set leads | 215 150 12.5 3 3 10 10 | Ni hola di Sen d'U ne 112 neijar di Adore i 15en i 15ten (O kinis ar 12) | Ethnic many independent for Ethnic many independent for Ethnic many independent Ethnic many independent | | Hearing young and pain paint of the set of anomaly hearts of the set of sets of s | Ani, conversa sing lock Anishel Anisheed a converte particular Martin gene dan balantan Martin genera shekalangan Martin genera shekalangan | De la Casa Casa Casa Casa Casa Casa Casa C | Notices sample production, UK update() second loba, with expendencial pages. Pages pages Reserve and inclusional pages. Reserve and Reserv | Dumper truck, 19 ton capacity, 100% fill o Dumper truck, 19 ton capacity, 100% fill o | P2 P3 P3 P3 P3 P3 P3 P232 P232 P232 P23 | |
| | med, et al. 2000 del tel tel Paralle di la tel para del tel para del la tel para del la tel pa | | المركز مركز مركز مركز مركز مركز مركز مركز | Add effection or while not for lease | 215 150 12.5 3 3 10 10 | 20 bala 25 cm 2 25 cm 4 12 cm(pe 42 | Education analysis including on Parking Mathematical analysis including and Parking | | wavery undy and any puedia of a summa back - assertion of a summa back - descent of a summa back - desc | Ana, energia de la des | de la Casta de la | National sense production, UK spheroget mouth table, with expended city appropriate Representational speech, surfaces generics. Representational speech, surfaces generics. Representational speech surfaces and speech and Representational speech surfaces and speech and speech Representational speech surfaces and speech and speech Representational speech speech and speech and speech and Representational speech speech and speech and speech and speech and Representational speech and speech and speech and speech and speech and Representational speech and speech and speech and speech and Representational speech and speech and speech and speech and speech and Representational speech and speech and speech and speech and speech and Representational speech and speech and speech and speech and Representationa | Dumper Inuck, 19 Ion capacity, 100% BI n Dumper Inuck, 19 Ion capacity, 100% BI n Dumper Inuck, 19 Ion capacity, 100% BI n | P2 P2 P3 P2 P3 P2 P3 P2 P3 P3 P3 P3 P4 P3 P4 P3 P4 P4 | |
| Abi | and, a 1 2 and 2004 (11 BF 1994 (11 B) (11 B) (12 B | | ۵۸۹ ۵۹۹ ۵۹۹ ۵۹۹ ۵۹۹ ۵۹۹ ۵۹۹ ۵۹۹ ۵۹۹ ۵۹۹ | Kell alerator and a set leads | 215 150 12.5 3 3 10 10 | 20 bala 25 cm 2 25 cm 4 12 cm(pe 42 | E blond anning working working Tablend anning working working Statuster anning working working Statuster anning working Statuster anning Statuster anning Statuster S | | Hearing young and pain paint of the set of anomaly hearts of the set of sets of s | his, enners dy lock Anterdentered centrels packet Anterdentered centrels packet Anterdentered centrels packet Anterdentered centrels packet Anterdentered An | de la Casta de la | Reinford, servery analotion, UK aptimized annotability partial, where a partial day approximation Representational spaces, velocity parents Representational Research and annotability of the spaces of the space Research and annotability of the spaces of the space Research and annotability of the spaces of the space parallelity Research and annotability of the spaces of the space parallelity Research and annotability of the spaces of the space parallelity Research and annotability of the spaces of the space parallelity Research and annotability of the spaces of the space parallelity Research and annotability and an annotability of the spaces of the Research and annotability and an annotability of the space parallelity Research and annotability of the spaces of the space parallelity of Research and annotability of the statisticability and an annotability Research and annotability of the statisticability and an annotability Research and annotability of the statisticability and and an annotability Research and annotability of the statisticability and an annotability Research and annotability of the statisticability and an annotability and an Research and annotability of the statisticability and an annotability and and Research and annotability of the statisticability and an annotability of the statisticability and an annotability of the statisticability of | Dumper truck, 19 ton capacity, 100% fill o Dumper truck, 19 ton capacity, 100% fill o | P2 P2 P3 P2 P3 P2 P3 P2 P3 P3 P3 P3 P4 P3 P4 P3 P4 P4 | |
| | and, a 1 2 and 2004 (11 BF 1994 (11 B) (11 B) (12 B | | 2015 2015 2015 2015 2015 2015 2015 2015 | Kell Somer will see function | 215 150 12.5 3 3 10 10 | 20 bala 25 cm 2 25 cm 4 12 cm(pe 42 | A shared analog socially well helds at the shared analog social social social at the shared analog social social social at the shared analog social social at the shared analog social social at the shared analog social social social at the shared analog social social social social at the shared analog social social social social social at the shared analog social social social social social social social at the shared analog social s | | Manuary units of a large standard | An connect of yook An exclusion of service paralete Region genes theor An exclusion of the service Region genes theor An exclusion of the Service An exclusion of the Service An exclusion of the Service Region you for genes questions (approximation and connect paralete Region you for genes questions) Connect materials (approximation and connect paralete Region you for genes questions) (approximation and connect paralete Region and connect paraleter Region and connect paralete | De la Castala de Casta | Reinford, sensorg analation, UK aphanget networks taka, shi espende (de spagede, perok Reiner alvalet tauset, spage genes). Spagen alvalet tauset, spage genes). Spagen alvalet tauset, spage genes). Analas expression alvalet tauset alvalet alvalet peropet tauset alvalet tauset, spage genes). Analas expression alvalet tauset alvalet peropet tauset alvalet tauset alvalet alvalet peropet Reiner alvalet annota funder geness. Spagen alvalet Spagen alvalet Sp | Dumper Inuck, 19 lon-capacity, 100% El n Dumper Inuck, 19 lon-capacity, 100% El n Bumper Inuck, 19 lon-capacity, 100% El n Dumper Inuck, 19 lon-capacity, 100% El n | P2 P2 P3 P3 P3 P3 P2 P3 P3 P2 P3 P3 P3 P3 P3 P3 P3 P3 P3 P3 P3 P3 P3 | |
| | med, et al. 2000 del tel tel Paralle di la tel para del tel para del la tel para del la tel pa | | ۵۸۹ ۵۹۹ ۵۹۹ ۵۹۹ ۵۹۹ ۵۹۹ ۵۹۹ ۵۹۹ ۵۹۹ ۵۹۹ | Add effection or while not for lease | 215 150 12.5 3 3 10 10 | di totak di sun 2 15 un 4 18 uni par ed milara 7 tima 2 tima (di mata par ed) di totak di sun 1 15 un 4 18 uni par ed hi totak di sun 1 15 un 4 18 uni par ed di totak di sun 1 15 un 4 18 uni par ed | Education analysis including on Parking Mathematical analysis including and Parking | | wavery undy and any puedia of a summa back - assertion of a summa back - descent of a summa back - desc | Anarah Anaharah Karaharah Karaharaharah Karaharaharaharah Karaharaharaharaharah Karaharaharaharaharaharaharaharaharahara | en Balance III - A Balance IIII - A Balance III - A Balance IIII - A Balance III - A Balance IIII - A Balance IIIII - A Balance IIIII - A Balance IIIII - A Balance IIII - A Balance IIIII - A BAIANCE IIII - A BAIANCE IIII - A B | Relation, sensorg analation, UK septempt encode local, where a period. Research and the sensor, where a period. Research and the sensor of the sensor of the sensor Research and the sensor of the sensor of the sensor Research and the sensor of the sensor of the sensor Research and the sensor of the sensor of the sensor Research and the sensor of the sensor of the sensor Research and the sensor of the sensor of the sensor Research and the sensor of the sensor of the sensor Research and the sensor of the sensor of the sensor Research and the sensor of the sensor of the sensor Research and the sensor of the sensor of the sensor Research and the sensor of the sensor of the sensor Research and the sensor of the sensor of the sensor of the sensor Research and the sensor of the sensor of the sensor of the sensor Research and the sensor of the sensor of the sensor of the sensor Research and the sensor of the sensor of the sensor of the sensor Research and the sensor of the sensor of the sensor of the sensor Research and the sensor of the sensor of the sensor of the sensor Research and the sensor of the sensor of the sensor of the sensor of the sensor Research and the sensor of the sensor o | Dumper Inuck, 19 Ion capacity, 100% BI n Dumper Inuck, 19 Ion capacity, 100% BI n Dumper Inuck, 19 Ion capacity, 100% BI n | P2 P3 P3 | |

| 12 | 1 | | 101.00 2 | 95 C | 1 | 2.5.External envelope including roof finishe | | | | 1 | 1 | - 1 | |
|---|---|--|--|---|---|---|-------------|--|--|---|---|---|---|
| ca. | Masonry motar/facing wall motar/mortar with special properties, 1500 kg/m3, EPD coverage: >1500 kg/m3 (WMI | 10.1 | | 0.052 External walls and facade | 10 | 2.5 External envelope including roof finishes | | Masony cavity wall with partial fill and aircrete block + plasterboard inner leaf, U-value 0.18 | Mortar (maxorry/bricklay/no) | Oskobau dat 2017-L EPO Mineralische Werkmödel: Massmödel, Vormassemüdel/Midel mit basonderan | Masony motar/facina wall motar/motar with special properties Concrete recycling, concrete gruthing | | 4 |
| | | 14.1 | | | 10 | | | | berar (namer parotaly) | Egerachaften Industrieverband WerkMönlei e.V. (1999 | watchy networking wat not an inclusion and provide concern recycling, concern country | 1 74 | |
| C 3 | Masony motarfacing wall motarimotar with special properties, 1500 kg/m3, EPD coverage: >1500 kg/m3 (WM | 30.36 | m2 0.10 | 0.10 External walks and facade | 10 | 2.5.External envelope including roof finishes | | Masonry cavity wall with partial fill and aircrete block + plasterboard inner leaf, U-value 0.18 | Mortar (masonrythricklaying) | Mauemörtel - Vormauemörtel Mörtel mit besonderen | Masony motarifacing wall motarimotar with special properties Concrete recycling, concrete crushing | p2 | 4 |
| | Red brick, average production, UK, 215 mm x 102.5 mm x 1 mm, 2.13 kglunit, 1405 kg/m3 (Brick Development Associat | 5 an 157.6 | | 8.32 External walls and facade | 102,550 brids (55 mm x 215 mm x 102 mm) oer m2 | 2.5.External envelope including roof finishes | | Masonry cavity wall with partial fill and aircrete block + | Brick, common clay brick | Eigenschaften Industrieverband WerkMörlei e.V. (1999) GPD BDA Generic Brick, The Brick Development | Red brick average production. UK Concrete recycling, concrete gruphing | | |
| C | ten, 2.13 kglunit, 1485 kg/m3 (Brick Development Associat (BDA) Ltd (2019)) | in 157.6 | n2 8.32 | 8.32 External walls and facade | 102.560 bricks (65 mm x 215 mm x 102 mm) per m2 | 2.5 External envelope including roof finishes | | plasterboard inner leaf, U-value 0.18 | Brick, common clay brick | Association | Red brick, average production, UK Concrete recycling, concrete crushing | 9 P23 | 4 |
| ca . | EDA) Ltd (2019)) Cightweight concrete block, with expanded clay aggregate, penetic, 650 kg/m3 (43.6 ba/H3), 18 kg/block (39.7 be/bloc | 6. 177.4 | n2 8.62 | 8.62 External walks and facade | 215440mm x 215mm x 215mm (10 blocks per m2) | 2.5 External envelope including roof finishes | | Masonry cavity wall with partial fill and aircreis block + plasterboard inner leaf, U-value 0.18 | Aerated/Autoclaved concrete products | One Click LCA | Lightweight concrete block, with expanded cary aggregate, genericoncrete recycling, concrete crushing | P2 | 3 |
| | penero, oso xgima (44 in betro), ni kgitekok (al. / Besteo 55 da 34 i 185 mm (0.01664) 01220.0071 (i) (Che Click LCA) Gypsum plaster board, regular, generic, 6.5-25 mm (0.25-0 rl), 10.725 kgim2 (2.20 best0) (for 12.5 mm (0.49 in), 658 k | | | - | | | | | | | | | |
| - | e(, 10.725 kg/m2 (2.20 ba/H2) (for 12.5 mm/0.49 in), 656 k (53.6 ba/H3) (One Click LCA) | a ma sa | n2 1.43 | 1.43 External walls and facade | 12.5 | 2.5 External envelope including roof finishes | | Masonry cavity wall with partial fill and aircrete block + plasterboard inner leaf, U-value 0.18 | Regular gypsum board | One Olick LOA | Gypeum plaster board, regular, generic Recycling of gypeum board, gypeum pulverizing and handling | P232 | 9 |
| C3 | | | 18.58 | 18.50 | | 2.5.External envelope including roof finishe | | | | Oskobau dat 2017-1, EPO Mineralische Werkmörtel: | | _ | |
| C3-balancing | Masony motacfacing wall motastmotar with special properties, 1500 kg/m3, EPD coverage: >1500 kg/m3 (WM | 10.1 | n2 0 | 0 External walks and facade | 10 | 2.5 External envelope including roof finishes | | Masonry cavity wall with partial fill and aircrete block + plasterboard inner leaf, U-value 0.18 | Mortar (masonry/bricklaying) | Mauermörtel - Vormauermörtel Mörtel mit besonderen | Maxonry motar/facing wall mortar/mortar with special properties | P2 | 4 |
| C3-balancing | Masonry morter/facing wall morter/morter with special properties, 1500 kg/m3, EPD coverage: >1500 kg/m3 (WMM | 30.36 | | © External walls and facade | | 2.5.External envelope including roof finishes | | Masonry cavity wall with partial fill and aircrete block + plasterboard inner leaf, U-value 0.18 | Mortar (masorrybricklaying) | Eigenschaften Industrieverband WerkMörteil e. V. (WW Dekobau dat 2017-1, EPO Mineralische Werkmörteit | Masony moterifacing wall moterimoter with special properties | | |
| C3-ceanong | | 2.3 | 9 82 | O LEMMAN WARE and tacade | 10 | 2.5 satema envelope including foor traines | | | | Mauermörtel - Vormauermörtel Mörtel mit besonderen Eigenschaften Industrieverband WerkMörtel e.V. (WW | Masony mortentsong was mortermorter with special properties | 1/2 | 1 |
| C3-balancing | Red brick, average production, UK, 215 mm x 102.5 mm x i mm, 2.13 kglunit, 1485 kg/m3 (Brick Development Associat | o an 157.6 | n2 0 | 0 External walls and facade | 102.560 bricks (65 mm x 215 mm x 102 mm) per m2 | 2.5.External envelope including roof finishes | | Masonry cavity wall with partial fill and aircrete block + plasterboard inner leaf, U-value 0.18 | Brick, common city brick | EPD BDA Generic Brick, The Brick Development Association | Red brick, average production, UK | Paa | 4 |
| | EDA) Ltd (2019)) Lightweight concrete block, with expanded clay appregate, | | | | | | | | | | | - | |
| C3-balancing | BDA) Lat (2019) Lightweight concrete block, with expanded clay aggregate, generic, 655 depth (40.6 be/t3), 18 kgblock (20.7 be/bloc 3 5x0 3x0 185 mm (0.019x1 012x0.007 in) (Dre Click (20.4 | 6. 177.4 | e | @External walls and facade | 215440mm x 215mm x 215mm (10 blocks per m2) | 2.5.External envelope including roof finishes | | Masony cavity wall with partial fill and aircrete block + plasterboard inner leaf, U-value 0.18 | Aerated/Autoclaved concrete products | One Click LCA | Lightweight concrete block, with expanded citry aggregate, genetic | P2 | 3 |
| C3-balancing | e), 10.725 kg/m2 (2.20 ba/t2) (for 12.5 mm/0.49 in), 858 k | 0 m3 10 | n2 0 | O External walks and facade | 12.5 | 2.5 External envelope including roof finishes | | Masonry cavity wall with partial fill and aircrete block + plasterboard inner leaf, U-value 0.18 | Regular gypsum board | One Click LCA | Gypeum plaster board, regular, generic | P232 | |
| C3-balancing | (53.6 balt3) (Dne Click LCA) | | | - | | 2.5.External envelope including roof finishe | | parate board in the max, or had to the | | | | - | - |
| | Stone wool insulation panels, unfaced, generic, L = 0.037 Wimit, R = 2.73 m36/W (15.127Fh/87U), 150 kg/m3 (k.36 ba/t3) (papelcable for denatilier: 150-155 kg/m3 (k.24-35 ba/t3) (Lambdard-0.07 W(m, K) (Den Click (LCA) Syptem plaster, 1100 kg/m3 (Bundesverband der | | | | | | | Masonry cavity wall with partial fill and aircrete block + | | One Click LCA | | | |
| C4 | balt(1) (applicable for densities: 100-150 kg/m3 (6.24-9.36 balt(1) ambdas(1.022 Wiles K) (Den Click CA) | 10 | n2 11 | 11 External walls and facade | 150 | 2.5.External envelope including roof finishes | | Masony cavity wall with partial fill and aircrete block + plasterboard inner leaf, U-value 0.18 | Stone wool insulation | | Stone wool insulation panels, unfaced, genetic Inert materials landfilling | P3 | 7 |
| C4 | Gypsum plaster, 1100 kg/m3 (Bundesverband der Gosindustrie) | 10 | n2 1.61 | 1.61 External walls and facade | 2 | 2.5 External envelope including roof finishes | | Masonry cavity wall with partial fill and aircrete block + plasterboard inner leaf, U-value 0.18 | Gypsum plaster (interior applications) | Oekobau.dat 2017-1, EPO GIPSPUTZ Bundesverband Gipsindustrie e.V. | dig oppum plaster Inet materials landfiling | P232 | 9 |
| C4 | | | 12.01 | 12.61 | | 2.5.External envelope including roof finishe | | paraticidad internal, Oradoro in | | openedation w.v. | | | |
| Of-balancing | Slone wool insulation panels, unfaced, generic, L = 0.037 WiniK, R = 2.73 m2KW (15 82°FNBTU), IS3 kg/m3 (8.36 bs/H3) (applicable for densities: 100-153 kg/m3 (8.24-9.35 | 10 | ~ • | @External walls and facade | 150 | 2.5 External envelope including roof finishes | | Masonry cavity wall with partial fill and aircrete block + plasterboard inner leaf, U-value 0.18 | Stone wool insulation | One Click LCA | Stone wool insulation panels, unfaced, generic | Pa | 7 |
| | Ibs/10) (applicable for denaties: 100-150 kg/m3 (6.24-8.36 Ibs/10)(, Lambda=0.037 Wijm X) (Dies Click LCA) Gypsum plaster, 1100 kg/m3 (Bundesverband der | | | | | | | | | | | | |
| C4-balancing | Gypsum plaster, 1100 kg/m3 (Bundesverband der Gipsindustrie) | 10 | n2 0 | 0 External walks and facade | 3 | 2.5 External envelope including roof finishes | | Masonry cavity wall with partial fill and aircrete block + plasterboard inner leaf, U-value 0.18 | Gypsum plaster (interior applications) | Oskobau dat 2017-1, EPD GIPSPUTZ Bundesverband Sipsindustrie e.V. | 5jpeun plaster | P232 | 9 |
| C4-balancing | | | | 1 | | 2.5.External envelope including roof finishe | 1 | | | Oskobau dat 2017-1, EPD Mineralische Werkmörteit | | | |
| P | Masonry morter/facing wall morter/morter with special properties, 1500 kg/m3, EPD coverage: >1500 kg/m3 (WMM | 10.1 | n2 -124 | -2.48 External walls and facade | 10 | 2.5.External envelope including roof finishes | 1 | Masonry cavity wall with partial fill and aircrete block + plasterboard inner leaf, U-value 0.18 | Mortar (masonry/bricklaying) | Maxemóriel - Vornauemóriel Móriel mit besonderen Eigenschaften Industrieverband WerkMöriel a V IIIII | Masony motanitating wall motatimotar with special properties | P2 | 1 4 |
| 0 | Masonry morter/facing wall morter/morter with special properties, 1500 kg/m3, EPD coverage: >1500 kg/m3 (WMM | 30.36 | | -7.43 External walls and facade | 10 | 2.5.External envelope including roof finishes | | Masonry cavity wall with partial fill and aircrete block + plasterboard inner leaf, U-value 0.18 | Mortar (masorrybricklaying) | Eigenschaften Industrieverband WerkMörtei e.V. (WW Ookobau dat 2017-1, EPO Mineralische Werkmörteit Massemörteit - Vormausmörkeit/Mintei mit beannderen | Masony motarifacina wall motarimotar with special properties | P2 | |
| | properses, 1500 kg/m3, EPD coverage: >1500 kg/m3 (WM | | | | | | <u> </u> | | | Sigenschaften Industrieverband WerkMöntel e.V. (WW | | | 1 |
| Þ | Red brick, average production, UK, 215 mm x 102.5 mm x mm, 2.13 kg/unit, 1405 kg/m3 (Brick Development Associat | 6 in 157.6 | n2 - 40 - | 99.92 External walls and facade | 102.560 bricks (65 mm x 215 mm x 102 mm) per m2 | 2.5.External envelope including roof finishes | 1 | Masonry cavity wall with partial fill and aircrete block + plasterboard inner leaf, U-value 0.18 | Brick, common clay brick | EPD BDA Generic Brick, The Brick Development Association | Red brick, average production, UK | Paa | 4 |
| | | | | 72.89 External walks and facade | 215440mm x 215mm x 215mm (10 blocks per m2) | 2.5 External envelope including roof finishes | | | Aerated/Autoclaved concrete products | One Click LCA | | - | 1 |
| 0 | juby log birght concrete block, with expanded day aggregate, generic, 650 kg/m3 (40.6 be/t3), 18 kgblock (39.7 be/bioc 3.5x0 Jub 185 mm (0.015x0 b12x0.007 in) (One Click LCA) General materials from 1 motion remote A 5-55 mm (10.55). | 6. 177.4 | nu | /z meanenal walls and facade | 215440mm x 215mm x 215mm (10 blocks per m2) | x.5 auternal envelope including roof finishes | | Masonry cavity wall with partial fill and aircrete block + plasterboard inner leaf, U-value 0.18 | Aerased/Autoclaved concrete products | une usok LOA | Lightweight concrete block, with expanded clay aggregate, genetic | P2 | 6 |
| 0 | Gypsum plaster board, regular, generic, 6.5-25 mm (0.25-0 in), 10.725 kg/m2 (2.20 ba/t2) (for 12.5 mm/0.49 in), 656 k | 0 10 Crit | n2 -2.31 | -4.61 External walls and facade | 12.5 | 2.5 External envelope including roof finishes | | Masonry cavity wall with partial fill and aircreis block + plasterboard inner leaf, U-value 0.18 | Regular gypsum board | One Click LOA | Gypeum plaster board, regular, generic | P232 | 9 |
| 0 | (53.6 balt3) (One Click LCA) | | | | ├ ── │ | | l – – – – – | presses solard inner lear, U-value 0.18 | | | | _ | + |
| A1-A3 Product stage (sect. | | | 21477.45 216 | 131.9 | | 2.5.External envelope including roof finishe 2.5.External envelope including roof finishe 2.6.Windows and external doors | | | | | | - | |
| sequestered carbon) | External wood door, 2,1 x 1 m (One Click LCA) | | | 38.68 Windows and doors | Entrance door | | | | Wood and wood board doors | One Click LCA | External wood door, 2,1 x 1 m | PB | - |
| A1-A3 Product stage (eacl. sequestered carbon) A1-A3 Product stage (eacl. | Window - uPVC frame DG | 24.1 | | 950.3Windows and doors | External glazing | 2.6 Windows and external doors | | | PVC frame windows | FHH WLC Conventions v1 | Window - uPVC frame DG | PB | |
| sequestered carbon) | Internal wooden doorleaf, fee resistant, 1.901s0.838 m, 17: Igin2 (JELD-WEN) | 24 | n2 515.26 5 | 15.20 Windows and doors | Internal doors | 2.6 Windows and external doors | | | Wood and wood board doors | EPD MOULDED PANEL INTERNAL DOORS FIRE DOOR FD33, UNGLAZED | Internal wooden doorleaf, fire resistant | PB | |
| A1-A3 Product stage (exc sequestered carbon) | | 1 - | 2534.12 25 | 04.12 | | 2.6.Windows and external doors | | | | | | 1 | 1] |
| A1-A3 Sequentered Carbon | External wood door, 2,1 x 1 m (One Click LCA) | | ant -66.0 | 86.17 Windows and doors | Entrance door | 2.6.Windows and external doors | | t | Wood and wood board doors | One Click LCA | External wood door, 2,1 x 1 m | PB | 1 . |
| A1-A3 Sequestered Carbon | External wood door, 2,1 x 1 m (One Click LCA) Window - uPVC thame DG Internal wooden doorleaf, frei resistant, 1,981s0.838 m, 17: rg/m2 (JELD-WEN) | 24.1 | n2 -19 n2 -637.59 -6 | -19 Windows and doors 37 59 Windows and doors | External glazing | 2.6 Windows and external doors 2.6 Windows and external doors | | | PVC frame windows Wood and wood board doors | FIGH WLC Conventions v1 EPD MOULDED PANEL INTERNAL DOORS FIRE DOOR FD33, UNGLAZED | Mindow - uPVC trame DG Internal wooden doorleat, fire resistant | 28 | |
| A1-A3 Sequestered Carbon | kg/m2 (JELD-WEN) | 24. | | 42.75 | meinal doors | 2.6. Windows and external doors | | | Wood and wood beard doors | DOOR FD30, UNGLAZED | internal wooden doonear, the resistant | PB | |
| Carbon | External wood door, 2,1 x 1 m (One Click LCA) | | | NE.19 16.98 Windows and doors | Entrance door | 2.6.Windows and external doors | | | Wood and wood board doors | One Click LOA | Dilanal wood door, 2.1 x 1 m | 20 | - |
| Ă | Nindow - uPVC frame DG nternal wooden doorleaf, fire resistant, 1.981s0.838 m, 17: | 24.1 | n2 273.45 2 | 73.42 Mindows and doors | Edenal glazing | 2.6.Windows and external doors | | | PVC frame windows | PH WLC Conventions v1 | External wood door, 2,1 x 1 m Mindow - uPVC frame DG | P0 | 1 |
| M | kg/m2 (JELD-WEN) | 24. | n2 159.55 1 | 59.52 Windows and doors | Internal doors | 2.6 Windows and external doors 2.6 Windows and esternal doors | | | Wood and wood board doors | DOOR FD30, UNGLAZED | Internal wooden doorleaf, fire resistant | PB | 4 |
| | | | 449.50 4 | | | | | | | | | | |
| 850 | | | unt 0 | Windows and doors | Entrance door | 2.6. Windows and external doors | | | Wood and wood board doors | One Click LCA | External wood door, 2,1 x 1 m | PB | |
| 453 153 | Nedow - uPVC frame DG memoi wooden doorleaf, fre resistant, 1.901s0.838 m, 17. | 24.1 | unt 0 02 0 | Windows and doors Windows and doors | Entrance door External glazing | 2.6 Windows and external doors 2.6 Windows and external doors | | | Wood and wood board doors PVC frame windows | One Click LCA FHH WLC Conventions v1 EPD MOULDED PANEL INTERNAL DOORS FIRE | External wood door, 2,1 x 1 m Nindow - uPVC terms DG historial and and for antidated | PB | - |
| 163 163 163 163 | Loterna wood door, 2,1 x 1 m (Une Lick LDA) Window - VPC frame DG Internal wooden doorleaf, fre resistant, 1.581s0.838 m, 17. sg/m2 (JELD-WEN) | 24.1 | uni 0 m2 0 m2 28.00 | Windows and doors Windows and doors 28.08 Windows and doors 28.08 | Entrance door External glocing miernal doors | 25. Windows and external doors 26. Windows and external doors 26. Windows and external doors 26. Windows and external doors | | | Wood and wood board doors PVC frame windows Wood and wood board doors | One Click LOA Rieh WLC Conventions v1 EPD MOULDED PANEL INTERNAL DOORS FIRE DOOR FD30, UNGLAZED | Referenal wood door, 2,1 ii 1 m Nindow - LPVC frame DG Internal wooden doofwaf, fre rewistant | P8 P8 P8 | |
| 853 853 853 853 83 | | 24.1 24. | ani 6 n2 9 n2 32.0 | 28.00 | Entrance door | 2.6. Windows and external doors 2.6. Windows and external doors | | | Wood and wood board doors PVC frame windows. Wood and wood board doors Wood and wood board doors PVC frame wood board doors | One Click LCA | | P8 P8 P8 P8 | |
| 853 853 853 83 83 83 | Edemal wood door, 2,1 x 1 m (One Click LCA) Window - uPVC frame DG | 24.1 24. 24.1 24.1 | 28.00 anit d nit d | EWIndows and doors Bill Mindows and doors Bill Mindows and doors Bill Mindows and doors EWIndows and doors EWIndows and doors EWIndows and doors | Entrance door Extend glazing Internal doors Extended doors Extended doors Internal doors | | | | | One Click LCA PriH WLC Conventions v1 Con Minut DED DANEL INTERNAL DOODS EIDE | Enternational doc. 21.11 m Montas - UPC Entern GG Internal wood no. 21.11 m Enternal wood no. 21.11 m Bodium - UPC Entern GG Internal wood no. 20.11 m Internal wood no. 20.11 m | P8 P8 P8 P8 P8 P8 | |
| 453 453 453 453 83 83 83 83 83 | External wood door; 2,1 x 1 m (One Click LCA) Window - uPVC frame DG Internal wooden doorlead, file realistant, 1.581x3.838 m, 17: kg/m2 (JELD-WEN) | 24.1 | 310 310 m2 0 0 m2 0 0 | 28.06 Ø Windows and doors Ø Windows and doors Ø Windows and doors | Entrance door External glazing Internal doors | 2.6.Windows and external doors 2.6.Windows and external doors 2.6.Windows and external doors | | | Wood and wood board doors PVC frame windows Wood and wood board doors | One Click LCA FIRE W.C. Conventions v1 EPD INDULIDED PANEL INTERNAL DOORS FIRE DOOR FD30, UNGLAZED | External wood door. 2.11 1 m Mindow - uPVC taree DG Internal wooden doolnad, fire resistant | Pil Pil Pil Pil Pil | |
| 163 463 463 83 83 83 83 83 84 84 84 | Edemail wood door, 2,1 x 1 m (One Click LCA) Window - uPVC frame BG Internal wooden doorlead, Tes sealatant, 1 S01a2.838 m, 17: kg/m2 (JELD-WEN) Edemail wood door, 2,1 x 1 m (One Click LCA) | 24.1 24. 24.1 | 34.00 vil 0 vil 0 vil 0 vil 0 vil 34.12 vil 34.12 vil 11346 | 28.00 d Mindows and doors d Mindows and doors d Mindows and doors 50.2 Windows and doors 53.2 Windows and doors | Entrance door Edutroid glaring Internal doors Entrance door Extension glaring | 2.6.Windows and external doors 2.6.Windows and external doors | | | Nood and wood board doons PVC frame windows Wood and wood board doons Nood and wood board doons PVC frame windows | One Click LCA PriH WLC Conventions v1 Con Minut DED DANCE INTERNAL DOODS EIDE | Ensemal wood door. 2.1 st m Henden - uPCP frame GG Internal wooded door.1 st m External wooded door.2 st st m External wooded door.2 st st m Henden - uPCP frame GG | Pia Pia Pia Pia Pia Pia Pia | 8 8 8 8 8 8 8 |
| 223 253 263 23 23 23 23 23 24 24 24 24 24 24 24 24 24 24 24 24 24 | External wood door; 2,1 x 1 m (One Click LCA) Window - uPVC frame DG Internal wooden doorlead, file realistant, 1.581x3.838 m, 17: kg/m2 (JELD-WEN) | 24.1 | 34.00 vil 0 vil 0 vil 0 vil 0 vil 34.12 vil 34.12 vil 11346 | 28.06 4 Windows and doors 5 Windows and doors 4 Windows and doors 56.2 Windows and doors | Entrance door External glazing Internal doors Entrance door | E. & Windows and esternal doars | | | Wood and wood board doors PVC frame windows Wood and wood board doors Wood and wood board doors | One Click LCA FIH WLC Conventions v1 EPO MOLLEOP PAYEL INTERNAL DOORS FIRE DOOR FD33, UNGLAZED One Click LCA | External wood door. 2.11 1 m Mindow - uPVC taree DG Internal wooden doolnad, fire resistant | P8 P8 P8 P8 P8 P8 P8 P8 P8 P8 P8 | 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 |
| 553 553 553 554 555 555 555 555 | Edential wood door, 2.1 x 1 m (Chra Click LCA) Whother - JWC: frame GG Issential wood model, free realizater, 1.981 to 2.838 m, 17: sgand (ELD-WER) Estemati wood door, 2.1 x 1 m (Chra Click LCA) Whother - JWC: frame GGA Whother - JWC: frame GGA Mental wooden store food, framewater, 1.981 to 2.838 m, 17: sgand (ELD-WER) | 24.1 24. 24.1 24.1 | Jac Jac all 6 1 all 1 1 | Example 2 August and doorn Officious and doorn Officious and doorn Officious and doorn S3 2 Ministers and doorn S1 2 Ministers and doorn S1 2 Ministers and doorn | Entrance dior External glacing Internal diore Entrance diore External glacing Internal diore | 2.6. Windows and esternal doors 2.6. Windows and esternal doors | | | Waod and wood board doors PVC hama windowa Waod and wood board doors Waod and wood board doors PVC hama windowa Waod and wood board doors | Der Click LCA Frah ML CLOSwerlicher 11 Ern Mohlter Devict, Internet, DOORS FIRE DOOR FOSS, UNBLACED DOOR Click LCA Der Click LCA Der Click LCA Der Click LCA Der Mohlter Devict, Internet, DOORS Fire DOOR FOSS, UNSLAZED | Executives days 2111 is Executives days 2111 is Executive and the constant Sector and the con | P8 P8 P8 P8 P8 P8 P8 P8 P8 P8 P8 P8 P8 | |
| 853 853 853 853 853 853 853 853 | Exercit and data: 2.1 + 1 m (Diva Cika LCA) Material work Chesards (Terrestander, 1.581/s1233 m, 17) Anger 2 (SLD-WER) Service 3 and data: 2.1 + 1 m (Diva Cika LCA) Material work data: 2.1 + 1 m (Diva Cika LCA) Material work data: 2.1 × 1 m (Diva Cika LCA) Columnia work data: 2.1 × 1 m (Diva Cika LCA) Columnia work data: 2.1 × 1 m (Diva Cika LCA) | 24.1 24. 24.1 24.1 | 1360 40 6 60 0 61 0 82 10.0 83 10.0 93 10.0 94 0 94 10.0 94 10.0 94 10.0 94 10.0 94 10.0 94 10.0 94 10.0 | E e0 Officious and doorn S.2 Mindows and doorn Di .2 Mindows and doorn Di .2 Mindows and doorn O.0 Mindows and doorn | Enses dar Edward glang Edward glang Edward dar Enses dar Elsen glang Elsen glang Elsen glang Elsen glang Elsen glang | E.4.Wickows and estimut doors E.4.Wickows advection of the selected E.4.Wickows advection of the selected E.4.Wickows and estimat doors E.4.Wickows and estimat doors E.4.Wickows advection of the selected E.4.Wickows advection of the selected E.4.Wickows advecting doors E.4.Wickows advecting doors E.4.Wickows advecting doors E.4.Wickows advecting doors E.4.Wickows advecting doors E.4.Wickows advecting doors | | | Wood and wond board doors PCC bane windows Wood and wond board doors Mood and wood board doors PCC bane windows Wood and wood board doors Wood and wood board doors | Der Chat LCA. PRI MAC Conventions vi PRI MACLED FANEL INTERNAL DOORS FIRE SCOR FODD, UNRULATED DOR CITAL CA. DRI MAC Conventions vi PRI MACLED PRI PRI VICENTIAL DOORS FIRE SCOR FODD, UNRULATED Der Click LCA | Andread and 11110 Andread and 11110 Andread and Andread Andread Andread Andread Andread Andread Andread Andread Andread Andread Andread Andread Andread Andread | P8 P | |
| 853 853 853 853 853 853 854 854 844 844 844 844 844 844 | Sense and two 2.1 t + 1 m (De C Rais LCH) When an evolution solution for waters (1.1814) L218 m, 17 and (2.1814) L218 m, 17 and (2.1814) L218 m, 17 and (2.1814) L218 m, 17 and (2.1814) L218 m, 17 L218 m, 18 L218 m, | 24.1 24. 24.1 24.1 24.1 | BB 3 3 4 3 43 33 43 33 44 34 45 34 46 34 47 34 48 40 49 40 41 40 42 403 | 2.6 Minimum and down Sendows | Entrance dear Echanal glang Homai dean Estaura dear Estaura glang Homai dean Estaura glang Estaura glang | EA Windows and asternal doors EA Windows and submark doors EA Windows and saternal doors | | | Need and wood board doors PCC frame windows Wood and wood board doors Need and wood board doors PCC frame windows Need and wood board doors Need and wood board doors PCC frame windows | Dar Gisa LGA HIN KG Camwolnen v1 HIN KG Camwolnen v1 HIN KG Camwolnen v1 Dar Gisa LGA HIN KG Camwolnen v1 HIN KG Camwolnen HIN KG | Support and the second se | P8 P8 P8 P8 P8 P8 P8 P8 P8 P8 P8 P8 P8 P | |
| 853 453 453 453 453 83 83 83 84 84 84 84 84 84 84 84 84 84 | Exercise and data (2, 1) if it is (2004 CBALCEA) Minute works the second state (1, 1014 CBA) is (2) Herein works downlot (1, 1014 CBA) is (2) Capital works downlot (1, 1, 1 in (2) works (1, 10) Capital works downlot (1, 1 in (2) works (1, 10) Herein works (1, 10) Herein works (1, 10) Herein works (1, 1) is (1, 1) Herein works (1, | 24.1 24. 24.1 24.1 | BB 3 3 4 3 43 33 43 33 44 34 45 34 46 34 47 34 48 40 49 40 41 40 42 403 | E e0 Officious and doorn S.2 Mindows and doorn Di .2 Mindows and doorn Di .2 Mindows and doorn O.0 Mindows and doorn | Enses dar Edward glang Edward glang Edward dar Enses dar Elsen glang Elsen glang Elsen glang Elsen glang Elsen glang | A Windows and a strend doorn A Windows and a strend doorn A Windows and a strend doorn Z Windows and a starting door Z Windows and a strend doorn A Windows and a strend doorn A Windows and a strend doorn Z Windows A win | | | Wood and wond board doors PCC bane windows Wood and wond board doors Mood and wood board doors PCC bane windows Wood and wood board doors Wood and wood board doors | Da data LGA 1991 NGC Convestions v1 BIT NGC Convestions v1 BIT NGC Convestions v1 BIT NGC Convestions v1 BIT NGC Convestions v1 Data Convestions v1 | Annumentation of the second seco | P8 P8 P8 P8 P8 P8 P8 P8 P8 P8 P8 P8 P8 P | |
| 853 853 853 853 853 853 854 854 844 844 844 844 844 844 | Sense and two 2.1 t + 1 m (De C Rais LCH) When an evolution solution for waters (1.1814) L218 m, 17 and (2.1814) L218 m, 17 and (2.1814) L218 m, 17 and (2.1814) L218 m, 17 and (2.1814) L218 m, 17 L218 m, 18 L218 m, | 24.1 24. 24.1 24.1 24.1 | BB 3 3 4 3 43 3 43 33 44 343 45 44 46 44 41 464 42 464 43 464 44 464 45 464 46 464 46 464 46 464 | 2.6 Minimum and down Sendows | Entrance dear Echanal glang Homai dean Estaura dear Estaura glang Homai dean Estaura glang Estaura glang | EA Windows and asternal doors EA Windows and submark doors EA Windows and saternal doors | | | Need and wood board doors PCC frame windows Wood and wood board doors Need and wood board doors PCC frame windows Need and wood board doors Need and wood board doors PCC frame windows | Dar Gisa LGA HIN KG Camwolnen v1 HIN KG Camwolnen v1 HIN KG Camwolnen v1 Dar Gisa LGA HIN KG Camwolnen v1 HIN KG Camwolnen HIN KG | American (March 11) a American (March 11) a March 12 (March 12) | 1007 PB | |
| 253 263 264 264 26 26 26 26 26 26 26 26 26 26 | Some and the set 1.1×10 (See Feb 16.152) When with Charles the BA Harrow's second souther the section 1.181 or 1.281 or 1. | 24.1 24. 24.1 24. 24.1 24.1 | BB B BB 3 C 2 C 2 C 2 C 2 D 3 | 10 Strokan eri dom 10 Strokan eri dom 10 Strokan eri dom 10 Strokan eri dom 11 Strokan eri dom 12 Strokan eri dom 13 Strokan eri dom 14 Strokan eri dom 15 Strokan eri dom 14 Strokan eri dom 15 Strokan eri dom 16 Strokan eri dom 17 Strokan eri dom 18 Strokan eri dom 19 Strokan eri dom | Annu Ani Annu Ani Annu Annu Annu Annu | Le Ministeres and esternal deates Le Ministeres and esternal deates Le Ministere and esternal deates Le Ministeres and esternal deates | | | Next net word hand daars 2% tree widdows Well word word hand daars Well and word hand daars Reg dar de wood hand daars Next and wood hand daars PCC hans widdows PCC hans widdows PCC hans widdows Well and wood daars | Se Cas LG Her HC Conventions of Her HC Conventions (177) IA CAS (2017) INVEX. INTERNAL COORD FIRE (2017) IA CAS (2017) IA CAS (2017) THE HC Conventions of DE IA CAS (2017) IA CAS (2017) IA CAS (2017) IA CAS (2017) IA CAS (2017) IA CAS (2017) IA CAS (2017) IA CAS (2017) IA CAS (2017) IA CAS (2017) IA CAS (2017 | Specific control 11 is in the second of the secon | 1007 PB | |
| 253 263 264 264 264 264 264 264 264 264 | Some and the 11 strategies of | 24.1 24. 24.1 24.1 24.1 | Bits Bits <th< td=""><td>22 Constant and domain 22 Constant and domain</td><td>bittora dari bittora dari bittora daris bittora daris bittora dari bittora dari bittora dari bittora daris bittora daris</td><td>A mitigane and astronic doars A mitigane and astronic doars</td><td></td><td></td><td>Next and word heard does here there without a local and word beard does without and word heard does between the second does beard and word heard does Next and word heard does Next and word heard does Next and word heard does Next and word heard does</td><td>See Call Lot. In L. Constrained in Trans. Cool of File Cool Food Links Accord Societ Food Links Accord See Call Link See Call Links See Call Links Accord Cool Food Links Accord Cool Food Links Accord Der Konzulation Park Societ Food Links Accord Der Konzulation Park Der Konzulation P</td><td>American (March 11) a American (March 11) a March 12 (March 12) March 12 (March 12)</td><td>1005 PB 1005 PB 1005 PB wate RB d PB</td><td></td></th<> | 22 Constant and domain | bittora dari bittora dari bittora daris bittora daris bittora dari bittora dari bittora dari bittora daris | A mitigane and astronic doars | | | Next and word heard does here there without a local and word beard does without and word heard does between the second does beard and word heard does Next and word heard does Next and word heard does Next and word heard does Next and word heard does | See Call Lot. In L. Constrained in Trans. Cool of File Cool Food Links Accord Societ Food Links Accord See Call Link See Call Links See Call Links Accord Cool Food Links Accord Cool Food Links Accord Der Konzulation Park Societ Food Links Accord Der Konzulation Park Der Konzulation P | American (March 11) a American (March 11) a March 12 (March 12) | 1005 PB 1005 PB 1005 PB wate RB d PB | |
| 253 253 253 253 253 253 253 254 254 255 255 255 255 255 255 | Learns and the 1.1 to 1.0 to | 24.1 24.1 24.1 24.1 24.1 24.1 24.1 | Bits Bits <th< td=""><td>14 Section 2015 Section 2015</td><td>Oriente dans Oriente dans</td><td>A Windows and estimuted down A Windows and estimated down A Windows and estimate down A Windows and estimate down A Windows and estimate down A Windows and estimated down</td><td></td><td></td><td>Stord or an extention "Anal and a store datase "Anal and even there datase "Store and even there datase There are even there datase PC bases waitase There are very there datase There are very there datase There are very there datase There are very there datase There are very there datase</td><td>See Case Los Herris Conservation of Herris Conservation of Herrison Conformation Conference (International Conference) Conference (International Conference) Herris III & Conservation of Herrison Conservation (International Conference) De Case Los De Case Los De Case Los De Case Los Herrison Conservation of Herrison De Case Los De Case Los Herrison Conservation of Herrison De Case Los Herrison Conservation (International Conservation Herrison Conservation (International Conservation) De Case Los Herrison Conservation (International Conservation)</td><td>Excellence (LT 1) In</td><td>1005 PB 1005 PB 1005 PB wate RB d PB</td><td></td></th<> | 14 Section 2015 | Oriente dans | A Windows and estimuted down A Windows and estimated down A Windows and estimate down A Windows and estimate down A Windows and estimate down A Windows and estimated down | | | Stord or an extention "Anal and a store datase "Anal and even there datase "Store and even there datase There are even there datase PC bases waitase There are very there datase There are very there datase There are very there datase There are very there datase There are very there datase | See Case Los Herris Conservation of Herris Conservation of Herrison Conformation Conference (International Conference) Conference (International Conference) Herris III & Conservation of Herrison Conservation (International Conference) De Case Los De Case Los De Case Los De Case Los Herrison Conservation of Herrison De Case Los De Case Los Herrison Conservation of Herrison De Case Los Herrison Conservation (International Conservation Herrison Conservation (International Conservation) De Case Los Herrison Conservation (International Conservation) | Excellence (LT 1) In | 1005 PB 1005 PB 1005 PB wate RB d PB | |
| 253 263 263 263 263 263 263 264 264 264 264 264 264 264 264 | Letter use of the 11 to 1 de Cell Like ($d_{\rm CE}$ ($d_{\rm CE}$) ($d_{\rm CE}$ | 24.1 24.1 24.1 24.1 24.1 24.1 24.1 24.1 | Bits Bits <th< td=""><td>14 14 10<!--</td--><td>Orient data Orient data</td><td>A Produce and a structure data A Produce and a structure data</td><td></td><td></td><td>Send of a new later of the send of the sen</td><td>See Gas Los Bello Constrained in Filmone Docidin File Doci Front Source (Constrained File Doci Front Los Herrison Constrained File Herrison Constrained File See Const Los Herrison Constrained File Doci Front Los Los Herrison Constrained File Doci File December of Herrison Constrained File Doci File December of Herrison Doci File December of Herrison</td><td>Anomargine (1) (1) (2) Anomargine (1) (2)</td><td>1005 PB 1005 PB 1005 PB wate RB d PB</td><td></td></td></th<> | 14 14 10 </td <td>Orient data Orient data</td> <td>A Produce and a structure data A Produce and a structure data</td> <td></td> <td></td> <td>Send of a new later of the send of the sen</td> <td>See Gas Los Bello Constrained in Filmone Docidin File Doci Front Source (Constrained File Doci Front Los Herrison Constrained File Herrison Constrained File See Const Los Herrison Constrained File Doci Front Los Los Herrison Constrained File Doci File December of Herrison Constrained File Doci File December of Herrison Doci File December of Herrison</td> <td>Anomargine (1) (1) (2) Anomargine (1) (2)</td> <td>1005 PB 1005 PB 1005 PB wate RB d PB</td> <td></td> | Orient data | A Produce and a structure data | | | Send of a new later of the send of the sen | See Gas Los Bello Constrained in Filmone Docidin File Doci Front Source (Constrained File Doci Front Los Herrison Constrained File Herrison Constrained File See Const Los Herrison Constrained File Doci Front Los Los Herrison Constrained File Doci File December of Herrison Constrained File Doci File December of Herrison Doci File December of Herrison | Anomargine (1) (1) (2) Anomargine (1) (2) | 1005 PB 1005 PB 1005 PB wate RB d PB | |
| 253 253 253 253 253 253 253 253 253 253 | Learns and the 1.1 to 1.0 to | 24.1 24.1 24.1 24.1 24.1 24.1 24.1 | Bits Bits <th< td=""><td>14 Section 2015 Section 2015</td><td>Oriente dans Oriente dans</td><td>A Relation of a struct door A Relation of a struct do</td><td></td><td></td><td>Stord or an electronic start store Store and a store at the store of store Store and end of store of store Store and end of store of store of Store and end of store of store of store PC Store and store of store of store Store and end one of store of store Store of end one of store of store of store Store of end one of store of store of store Store of end one of store of store of store of store Store of end one of store of store of store of store Store of end one of store of store of store of store of store of store Store of end one of store of stor</td><td>See Case Los Herris Conservation of Herris Conservation of Herrison Conformation Conference (International Conference) Conference (International Conference) Herris III & Conservation of Herrison Conservation (International Conference) De Case Los De Case Los De Case Los De Case Los Herrison Conservation of Herrison De Case Los De Case Los Herrison Conservation of Herrison De Case Los Herrison Conservation (International Conservation Herrison Conservation (International Conservation) De Case Los Herrison Conservation (International Conservation)</td><td>Excellence (LT 1) In</td><td>1005 PB 1005 PB 1005 PB wate RB d PB</td><td></td></th<> | 14 Section 2015 | Oriente dans | A Relation of a struct door A Relation of a struct do | | | Stord or an electronic start store Store and a store at the store of store Store and end of store of store Store and end of store of store of Store and end of store of store of store PC Store and store of store of store Store and end one of store of store Store of end one of store of store of store Store of end one of store of store of store Store of end one of store of store of store of store Store of end one of store of store of store of store Store of end one of store of store of store of store of store of store Store of end one of store of stor | See Case Los Herris Conservation of Herris Conservation of Herrison Conformation Conference (International Conference) Conference (International Conference) Herris III & Conservation of Herrison Conservation (International Conference) De Case Los De Case Los De Case Los De Case Los Herrison Conservation of Herrison De Case Los De Case Los Herrison Conservation of Herrison De Case Los Herrison Conservation (International Conservation Herrison Conservation (International Conservation) De Case Los Herrison Conservation (International Conservation) | Excellence (LT 1) In | 1005 PB 1005 PB 1005 PB wate RB d PB | |
| C C C C C C C C C C C C C C C C C C C | Some and an effect of the second sec | 24.1 24.1 24.1 24.1 24.1 24.1 24.1 24.1 | Bits Bits <th< td=""><td>SH SH SH <</td><td>Orace alex Orace alex</td><td>A Produce and a structure data A Produce and a structure data</td><td></td><td></td><td>Send of a new later of the send of the sen</td><td>De Cast Los De Cast Los Marcines de la conserva de la conserva c</td><td>Another Design of the second sec</td><td>1005 PB 1005 PB 1005 PB wate RB d PB</td><td></td></th<> | SH SH SH < | Orace alex | A Produce and a structure data | | | Send of a new later of the send of the sen | De Cast Los De Cast Los Marcines de la conserva de la conserva c | Another Design of the second sec | 1005 PB 1005 PB 1005 PB wate RB d PB | |
| C C C C C C C C C C C C C C C C C C C | $\label{eq:second} \begin{array}{l} Jointown that I 111 m Divides LIAS \\ \text{Jointown that the second of the se$ | 24.1 24.1 24.1 24.1 24.1 24.1 24.1 24.1 | Bit Bit 1 1 2 2 3 3 4 3 4 3 5 3 4 3 4 3 4 3 4 3 4 3 4 3 4 4 <td>14 14 15 14<!--</td--><td>Origina Barr Origina Barr O</td><td>A Relation of a struct door A Relation of a struct do</td><td></td><td></td><td>and all and part latest "Not and values of latest "Not and values and uses a set of an and values of latest "All and values and uses a "Not and values and uses a "Not and values and uses and and values and uses "Not and values" and uses "Not and values and uses "Not and uses and uses and uses"</td><td>Social Control Social Contrel <td>Anomargine (1) (1) (2) Anomargine (1) (2)</td><td>1005 PB 1005 PB 1005 PB wate RB d PB</td><td></td></td></td> | 14 14 15 14 </td <td>Origina Barr Origina Barr O</td> <td>A Relation of a struct door A Relation of a struct do</td> <td></td> <td></td> <td>and all and part latest "Not and values of latest "Not and values and uses a set of an and values of latest "All and values and uses a "Not and values and uses a "Not and values and uses and and values and uses "Not and values" and uses "Not and values and uses "Not and uses and uses and uses"</td> <td>Social Control Social Contrel <td>Anomargine (1) (1) (2) Anomargine (1) (2)</td><td>1005 PB 1005 PB 1005 PB wate RB d PB</td><td></td></td> | Origina Barr O | A Relation of a struct door A Relation of a struct do | | | and all and part latest "Not and values of latest "Not and values and uses a set of an and values of latest "All and values and uses a "Not and values and uses a "Not and values and uses and and values and uses "Not and values" and uses "Not and values and uses "Not and uses and uses and uses" | Social Control Social Contrel <td>Anomargine (1) (1) (2) Anomargine (1) (2)</td> <td>1005 PB 1005 PB 1005 PB wate RB d PB</td> <td></td> | Anomargine (1) (1) (2) Anomargine (1) (2) | 1005 PB 1005 PB 1005 PB wate RB d PB | |
| C C C C C C C C C C C C C C C C C C C | Some and the LTT IN DEVELOPMENT of the LTT | 24.1 24. 24. 24. 24. 24. 24. 24. 24. 24. 24. | Bits Bits 2 2 2 2 3 2 4 3 4 3 5 3 4 3 5 4 6 3 6 4 6 4 6 4 6 4 6 4 6 4 6 4 6 4 6 4 6 4 7 4 8 4 8 4 9 4 10 4 10 4 10 4 10 4 10 4 10 4 10 4 10 4 10 4 10 4 10 4 10 | 24 24 25 24 26 24 27 24 28 24 28 24 28 24 29 24 21 24 21 24 21 24 21 24 22 24 23 24 24 24 25 24 26 24 27 24 28 24 29 24 20 24 21 24 22 24 23 24 24 24 25 24 26 24 27 24 28 24 29 24 20 24 21 24 22 24 23 24 24 < | Origina dari O | A series and series of any series of an | | | Sing at an end hose altern Mar of evaluations and an evaluation of the second second second second second second second second second fragment second second second second second second fragment second second second second second fragment second second second second second second second fragment second second second second second second second fragment second | De Cast Los De Cast Los De Cast Los Marcines A consort rel De Cast Los Marcines De Cast Los De | Anomaly and a start of a mean of the start of the st | 1005 PB 1005 PB 1005 PB wate RB d PB | |
| C C C C C C C C C C C C C C C C C C C | Superior and an UTI ID ROYALD LOS Marco Contact Contact Contact Contact per (Linkson Contact Contact Contact Contact Contact Contact Contact Contact Contact per (Linkson Contact Contact Contact Contact Contact per (Linkson Contact Contac | 24.1 24. 24. 24. 24. 24. 24. 24. 24. 24. 24. | Bits Bits 2 2 2 2 3 2 4 3 4 3 5 3 4 3 5 4 6 3 6 4 6 4 6 4 6 4 6 4 6 4 6 4 6 4 6 4 6 4 7 4 8 4 8 4 9 4 10 4 10 4 10 4 10 4 10 4 10 4 10 4 10 4 10 4 10 4 10 4 10 | Here Section 2014 | Original Age O | A series of a series of an end of a series of a s | | | Sen of a remain of the adaption That and a read and a read a rea | De Cast Les | Another Design of the second sec | 1005 PB 1005 PB 1005 PB wate RB d PB | |
| C C C C C C C C C C C C C C C C C C C | Some and the LTT IN DEVELOPMENT of the LTT | 24.1 24. 24. 24. 24. 24. 24. 24. 24. 24. 24. | Bits Bits <th< td=""><td>24 24 25 24 26 24 27 24 28 24 28 24 28 24 29 24 21 24 21 24 21 24 21 24 22 24 23 24 24 24 25 24 26 24 27 24 28 24 29 24 20 24 21 24 22 24 23 24 24 24 25 24 26 24 27 24 28 24 29 24 20 24 21 24 22 24 23 24 24 <</td><td>Origina dari Origina dari O</td><td>Electrical protocology Electrical proto</td><td></td><td></td><td>Sing at an end hose altern Mar of evaluations and an evaluation of the second second second second second second second second second fragment second second second second second second fragment second second second second second fragment second second second second second second second fragment second second second second second second second fragment second second</td><td>De Cast Los De Cast Los De Cast Los Marcines A consort rel De Cast Los Marcines De Cast Los De Cast Los De</td><td>Anomaly and a start of a mean of the start of the st</td><td>1005 PB 1005 PB 1005 PB wate RB d PB</td><td></td></th<> | 24 24 25 24 26 24 27 24 28 24 28 24 28 24 29 24 21 24 21 24 21 24 21 24 22 24 23 24 24 24 25 24 26 24 27 24 28 24 29 24 20 24 21 24 22 24 23 24 24 24 25 24 26 24 27 24 28 24 29 24 20 24 21 24 22 24 23 24 24 < | Origina dari O | Electrical protocology Electrical proto | | | Sing at an end hose altern Mar of evaluations and an evaluation of the second second second second second second second second second fragment second second second second second second fragment second second second second second fragment second second second second second second second fragment second second second second second second second fragment second | De Cast Los De Cast Los De Cast Los Marcines A consort rel De Cast Los Marcines De Cast Los De | Anomaly and a start of a mean of the start of the st | 1005 PB 1005 PB 1005 PB wate RB d PB | |
| 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Some can set by 111 to 05-051 (A into 25-051 (A)) with a 25-051 (A) with a 25-051 (A) | 24.9 24.1 24.1 24.1 24.1 24.1 24.1 24.1 24.1 | BBB BBB BBB | Here Section 2.000000000000000000000000000000000000 | Oracle Mar Oracle Mar Oracle Dans Oracle Dans Ora | Electronic and exception Electronic and exception Electronic and electronic data Electronic data | | | Sin et al. en red hand etter Mar de et voor Taar de etter Mar de et voor Taar de etter Mar de et voor Taar de etter Mar de etter de etter voor taar de etter Mar de etter voor taar de etter M | So Cash Life Society of Cash Society (Cash | Another Design of the second sec | 1005 PB 1005 PB 1005 PB wate RB d PB | |
| C C C C C C C C C C C C C C C C C C C | Some can set by 111 to 05-051 (A into 25-051 (A)) with a 25-051 (A) with a 25-051 (A) | 24.9 24.1 24.1 24.1 24.1 24.1 24.1 24.1 24.1 | BIA BIA <td>Image: Image: Image:</td> <td>Origina Bar Origina Constanti Origina Constanti Origi Origina Constanti Origina Constanti Origina Cons</td> <td>Electrical protocology Electrical proto</td> <td></td> <td></td> <td>Sin et al. en red hand etter Mar de et voor Taar de etter Mar de et voor Taar de etter Mar de et voor Taar de etter Mar de etter de etter voor taar de etter Mar de etter voor taar de etter M</td> <td>Social Science Social S</td> <td>Another Design of the second sec</td> <td>1005 PB 1005 PB 1005 PB wate RB d PB</td> <td></td> | Image: | Origina Bar Origina Constanti Origina Constanti Origi Origina Constanti Origina Constanti Origina Cons | Electrical protocology Electrical proto | | | Sin et al. en red hand etter Mar de et voor Taar de etter Mar de et voor Taar de etter Mar de et voor Taar de etter Mar de etter de etter voor taar de etter Mar de etter voor taar de etter M | Social Science Social S | Another Design of the second sec | 1005 PB 1005 PB 1005 PB wate RB d PB | |
| C2 C2 C2 C3 C3 C3 C3 C4 C4 C4 C4 C4 C4 C4 C4 C4 C4 | Landow and an UTTO ROCKALDO And Antional Control (USA) (USA) And Antional Control (USA) (USA) (USA) And Antional Control (USA) (USA) (USA) And Antional Control (USA) (USA) (USA) And And Antional Control (USA) (USA) (USA) And And Antional Control (USA) (USA) (USA) Antional Control (USA) (USA) (USA) (USA) (USA) Antional Control (USA) | 244.9 | BB BB B B | Set Set Set | Original Age Original Ori | Electronic and extended and Electronic and extended and | | Trade automa ad antig. 10 to 10 mar | The set of each set of the set of | De Cast Cast De Cast Cast Marcine Service Service Service Service Construite Service Service Service Service Service Service Service Service Service Service Service Service S | Section 2011 II III IIII Image and IIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIII | 1005 PB 1005 PB 1005 PB wate RB d PB | |
| 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Some and the LTT IN DEVELOPMENT of THE LTT | 24.1 24.1 24.1 24.1 24.1 24.1 24.1 24.1 | BB BB B B | SH SH SH < | Oracle Mar Oracle Mar Oracle Dans Oracle Dans Ora | Electronic and exception Electronic and exception Electronic and electronic data Electronic data | | | Since A.S. and and A.S. and A. | So Cash Life Society of the second s | Another Design of the second sec | 1005 PB 1005 PB 1005 PB wate RB d PB | |
| C2 C2 C2 C3 C3 C3 C3 C3 C3 C3 C3 C3 C3 C3 C3 C4 C3 C4 C4 C5 C4 C4 C5 C4 C4 C5 C4 C5 C4 C5 C5 C4 C4 C5 C5 C4 C5 C4 C5 C4 C6 C5 C7 C6 C6 C5 C6 C5 C7 C6 C7 C6 C7 C6 C7 C6 C7 < | Some and the LTT IN DEVELOPMENT of THE LTT | 2441 2442 2444 2444 2444 2444 2444 2444 | BB BB B B | Here Here Second Address Second Address | Original Age Original Ori | Jerner and enserted methods Jerned methods Jerner and enserted methods | | Note to compare at county. (In this will count at the count of the cou | Ann et an entre here here Mar et al var et kon et als Mar et al var et kon et al Mar et al var et al var et al | De Cast Los Ser Cast Los Marcines Internet Cost Print Cost Print March 2019 Print 2010 Print 2010 | Antimized Description International State St | 1005 PB 1005 PB 1005 PB wate RB d PB | |
| G G G G G G G G G G G G G G G G G G G | Server and the LTT IN DEVELOPMENT OF THE SERVER SERVER AND ADDRESS ADD | 244.9 | BB BB B B | Set Set Set | Original Age O | Electronic and extended and Electronic and extended and | | There and compare and another, 10 there are any and any and any and any and any and any and any | And a de marine de la de | De Cast Cast De Cast Cast Marcine Service Service Service Service Construite Service Service Service Service Service Service Service Service Service Service Service Service S | Section 2011 II III IIII Image and IIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIII | 1005 PB 1005 PB 1005 PB wate RB d PB | |
| G G G G G G G G G G G G G G G G G G G | Some of the ITTLE Devices IDE Some of the ITTLE Devices IDE | 2441 2442 2444 2444 2444 2444 2444 2444 | 84 84 1 2 2 2 3 4 4 4 4 4 | Here Here Sector And Andrew Sector Andrew Sector Andrew Andrew Sector Andrew | Original Age O | Jerner and enserted methods Jerned methods Jerner and enserted methods | | There and compare and another, 10 there are any and any and any and any and any and any and any | And a de marine de la de | De Cast Los Ser Cast Los Marcines Internet Cost Print Cost Print March 2019 Print 2010 Print 2010 | Antimized Description International State St | 1005 PB 1005 PB 1005 PB wate RB d PB | |
| 3 4 5 5 6 6 7 8 9 9 1 | Server and the LTT IN DEVELOPMENT OF THE SERVER SERVER AND ADDRESS ADD | 24.24 | Bit Bit <td>24 24 25 25 26 25 27 25 28 25 29 25 20 25 20 25 20 25 20 26 20 26 20 26 20 26 20 26 20 26 20 26 20 26 20 27 20 28 20 28 20 28 20 28 20 28 20 28 21 28 22 28 23 28 24 28 25 28 26 28 27 28 28 28 29 28 20 28 29 <</td> <td>Original Age Original Age O</td> <td>Electronic and executions Electronic and executions E</td> <td></td> <td>Note to compare at county. (In this will count at the count of the cou</td> <td>And a de marine de la de</td> <td>De Casta Cast De Casta Cast Contra Casta Universita Conta Prince Contra Casta Universita De Casta Casta Casta De Casta De Casta De Casta Casta De Casta De Ca</td> <td>American (March 1997) and American (March 19</td> <td>1005 PB 1005 PB 1005 PB wate RB d PB</td> <td></td> | 24 24 25 25 26 25 27 25 28 25 29 25 20 25 20 25 20 25 20 26 20 26 20 26 20 26 20 26 20 26 20 26 20 26 20 27 20 28 20 28 20 28 20 28 20 28 20 28 21 28 22 28 23 28 24 28 25 28 26 28 27 28 28 28 29 28 20 28 29 < | Original Age O | Electronic and executions E | | Note to compare at county. (In this will count at the count of the cou | And a de marine de la de | De Casta Cast De Casta Cast Contra Casta Universita Conta Prince Contra Casta Universita De Casta Casta Casta De Casta De Casta De Casta Casta De Casta De Ca | American (March 1997) and American (March 19 | 1005 PB 1005 PB 1005 PB wate RB d PB | |
| | And end and the LTTLE Devices LOS and an advancement of PUBLISS PC per (LESCHE) and advancement of LTLE Devices LOS per (LESCHE) advancement of LTLE Devices LOS advancement of LTLE Devices LOS | 2413 2432 2432 244 244 244 244 244 244 244 | BAB BAB <td>Her Her Search of an effect Search of an effect Search o</td> <td>Contractions Contractions C</td> <td>Electrical cancer active states Electrical cancer active states Electrical cancer active states Electrical cancer active states Electrical cancer active Electrical cancer Electrical cancer Electrical cancer active</td> <td></td> <td>And and a set of an analytic till from the mediate of an analytic till from the media</td> <td>And a star and here alson And and a star and a star and a star And and a star and a star and a star And and a star and a star and a star And and a star and a star and a star And and a star and a star and a star And and a star and a star and a star And And And And And And And And And And</td> <td>De Cast Cas De Cast Cas Marcine Services (Cast Cast Cas Cast Cast Cast Cast Cast Cast Cast Cast</td> <td>Another Design of the second sec</td> <td>1005 PB 1005 PB 1005 PB wate RB d PB</td> <td></td> | Her Her Search of an effect Search of an effect Search o | Contractions C | Electrical cancer active states Electrical cancer active states Electrical cancer active states Electrical cancer active states Electrical cancer active Electrical cancer Electrical cancer Electrical cancer active | | And and a set of an analytic till from the mediate of an analytic till from the media | And a star and here alson And and a star and a star and a star And and a star and a star and a star And and a star and a star and a star And and a star and a star and a star And and a star and a star and a star And and a star and a star and a star And And And And And And And And And And | De Cast Cas De Cast Cas Marcine Services (Cast Cast Cas Cast Cast Cast Cast Cast Cast Cast Cast | Another Design of the second sec | 1005 PB 1005 PB 1005 PB wate RB d PB | |
| | | 24.24 | BAB BAB <td>24 24 25 25 26 25 27 25 28 25 29 25 20 25 20 25 20 25 20 26 20 26 20 26 20 26 20 26 20 26 20 26 20 26 20 27 20 28 20 28 20 28 20 28 20 28 20 28 21 28 22 28 23 28 24 28 25 28 26 28 27 28 28 28 29 28 20 28 29 <</td> <td>Contractions Contractions C</td> <td>Electrical cancer active states Electrical cancer active states Electrical cancer active states Electrical cancer active states Electrical cancer active Electrical cancer Electrical cancer Electrical cancer active</td> <td></td> <td>And and a set of an analytic till from the mediate of an analytic till from the media</td> <td>And a star and here alson And and a star and a star and a star And and a star and a star and a star And and a star and a star and a star And and a star and a star and a star And and a star and a star and a star And and a star and a star and a star And And And And And And And And And And</td> <td>De Cast Cas De Cast Cas Marcine Services (Cast Cast Cas Cast Cast Cast Cast Cast Cast Cast Cast</td> <td>Sementaria (San San San San San San San San San San</td> <td>1005 PB 1005 PB 1005 PB wate RB d PB</td> <td></td> | 24 24 25 25 26 25 27 25 28 25 29 25 20 25 20 25 20 25 20 26 20 26 20 26 20 26 20 26 20 26 20 26 20 26 20 27 20 28 20 28 20 28 20 28 20 28 20 28 21 28 22 28 23 28 24 28 25 28 26 28 27 28 28 28 29 28 20 28 29 < | Contractions C | Electrical cancer active states Electrical cancer active states Electrical cancer active states Electrical cancer active states Electrical cancer active Electrical cancer Electrical cancer Electrical cancer active | | And and a set of an analytic till from the mediate of an analytic till from the media | And a star and here alson And and a star and a star and a star And and a star and a star and a star And and a star and a star and a star And and a star and a star and a star And and a star and a star and a star And and a star and a star and a star And And And And And And And And And And | De Cast Cas De Cast Cas Marcine Services (Cast Cast Cas Cast Cast Cast Cast Cast Cast Cast Cast | Sementaria (San San San San San San San San San San | 1005 PB 1005 PB 1005 PB wate RB d PB | |
| | Januar and Little Devices 100 and Proceedings of the States of the Stat | 24154 2434 2434 2444 2444 2444 2444 2444 24 | 84 84 1 1 1 1 1 1 1 1 1 1 1 | Sele Sele Sele <td>Contractions Contractions C</td> <td>Electrical cancer aleres data Electrical cancer aleres data Electrical cancer aleres Electrical Electrical</td> <td></td> <td>Andre ner deneration of the set o</td> <td>Ann et an en per henn Mar et al et a</td> <td>De Cast Cas De Cast Cas Marcine Service Serv</td> <td>Amenangka kutu a Managan And Kunon S Managan And</td> <td>1005 PB 1005 PB 1005 PB wate RB d PB</td> <td></td> | Contractions C | Electrical cancer aleres data Electrical cancer aleres data Electrical cancer aleres Electrical | | Andre ner deneration of the set o | Ann et an en per henn Mar et al et a | De Cast Cas De Cast Cas Marcine Service Serv | Amenangka kutu a Managan And Kunon S Managan And | 1005 PB 1005 PB 1005 PB wate RB d PB | |
| | Severe start and the transmission of the tran | 244 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | BBA BBA <td>Her Her Search of an effect Search of an effect Search o</td> <td>Contractions Contractions C</td> <td>Electrical cancer action Electrical Electrica</td> <td></td> <td>And and a second and a second and and and and and and and and and a</td> <td>And a star and here alson And and a star and a star and a star And and a star and a star and a star And and a star and a star and a star And and a star and a star and a star And and a star and a star and a star And and a star and a star and a star And And And And And And And And And And</td> <td>De Cast Cas De Cast Cas Marcine Services (Cast Cast Cas Cast Cast Cast Cast Cast Cast Cast Cast</td> <td>Another Design of the second sec</td> <td>1005 PB 1005 PB 1005 PB wate RB d PB</td> <td></td> | Her Her Search of an effect Search of an effect Search o | Contractions C | Electrical cancer action Electrical Electrica | | And and a second and a second and and and and and and and and and a | And a star and here alson And and a star and a star and a star And and a star and a star and a star And and a star and a star and a star And and a star and a star and a star And and a star and a star and a star And and a star and a star and a star And And And And And And And And And And | De Cast Cas De Cast Cas Marcine Services (Cast Cast Cas Cast Cast Cast Cast Cast Cast Cast Cast | Another Design of the second sec | 1005 PB 1005 PB 1005 PB wate RB d PB | |
| | Severe start and the transmission of the tran | 244 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | BBA BBA <td>Set and set and</td> <td>Contractions Contractions C</td> <td>Electrical and experience Electrical and experience E</td> <td></td> <td>A second second</td> <td>an e a far en par e han e i de la calacta de</td> <td>De Cast Las Des Cast Las Des</td> <td>American Set 111 a Merican Set</td> <td>1005 PB 1005 PB 1005 PB wate RB d PB</td> <td></td> | Set and | Contractions C | Electrical and experience E | | A second | an e a far en par e han e i de la calacta de | De Cast Las Des | American Set 111 a Merican Set | 1005 PB 1005 PB 1005 PB wate RB d PB | |
| | Jonan and Link 11, 11, 2014, 2014, 2014 and an UKC 11, 2014 and | 244 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | BBA BBA <td>Sele Sele Sele Sele Sele<td>Contractions Contractions C</td><td>Electrical cancer aleres data Electrical cancer aleres data Electrical cancer aleres Electrical Electrical</td><td></td><td>Constraints of an annual sector sector</td><td>San et al en el terre el terre San el el es el terre el terre el terre San el el es el terre el terre el terre San el el es el terre el terre San el el es el terre el terre San el el este el terre San el el este el terre San el el este el terre San el este el terre San el este el terre San el terre el terre el terre San el terre el terre el terre San el terre el terre el terr</td><td>De Cast Cas De Cast Cas Marcine Service Serv</td><td>Amenangka kutu a Managan And Kunon S Managan And</td><td>1005 PB 1005 PB 1005 PB wate RB d PB</td><td></td></td> | Sele Sele Sele <td>Contractions Contractions C</td> <td>Electrical cancer aleres data Electrical cancer aleres data Electrical cancer aleres Electrical Electrical</td> <td></td> <td>Constraints of an annual sector sector</td> <td>San et al en el terre el terre San el el es el terre el terre el terre San el el es el terre el terre el terre San el el es el terre el terre San el el es el terre el terre San el el este el terre San el el este el terre San el el este el terre San el este el terre San el este el terre San el terre el terre el terre San el terre el terre el terre San el terre el terre el terr</td> <td>De Cast Cas De Cast Cas Marcine Service Serv</td> <td>Amenangka kutu a Managan And Kunon S Managan And</td> <td>1005 PB 1005 PB 1005 PB wate RB d PB</td> <td></td> | Contractions C | Electrical cancer aleres data Electrical cancer aleres data Electrical cancer aleres Electrical | | Constraints of an annual sector | San et al en el terre el terre San el el es el terre el terre el terre San el el es el terre el terre el terre San el el es el terre el terre San el el es el terre el terre San el el este el terre San el el este el terre San el el este el terre San el este el terre San el este el terre San el terre el terre el terre San el terre el terre el terre San el terre el terre el terr | De Cast Cas De Cast Cas Marcine Service Serv | Amenangka kutu a Managan And Kunon S Managan And | 1005 PB 1005 PB 1005 PB wate RB d PB | |
| | Same and an UTI IN DEVELOP IN Section 2018 Section 2018 | 244 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | Base Base <th< td=""><td>Set and set and</td><td>Contractions Contractions C</td><td>Electrical and experience Electrical and experience E</td><td></td><td>Constraints of an annual sector sector</td><td>San et al en el terre el terre San el el es el terre el terre el terre San el el es el terre el terre el terre San el el es el terre el terre San el el es el terre el terre San el el este el terre San el el este el terre San el el este el terre San el este el terre San el este el terre San el terre el terre el terre San el terre el terre el terre San el terre el terre el terr</td><td>De Cast Las Des Cast Las Des</td><td>American Set 111 a Merican Set</td><td>1005 PB 1005 PB 1005 PB wate RB d PB</td><td></td></th<> | Set and | Contractions C | Electrical and experience E | | Constraints of an annual sector | San et al en el terre el terre San el el es el terre el terre el terre San el el es el terre el terre el terre San el el es el terre el terre San el el es el terre el terre San el el este el terre San el el este el terre San el el este el terre San el este el terre San el este el terre San el terre el terre el terre San el terre el terre el terre San el terre el terre el terr | De Cast Las Des | American Set 111 a Merican Set | 1005 PB 1005 PB 1005 PB wate RB d PB | |
| D D D D D D D D D D D D D D D D D D D | James and Link and Charles Link and Charles and Charles and Charles and Charles and the charles and the charles and Charles and Charles and the charles and the charles and Charles and Charles and the charles and the charles and Charles and Charles and the charles and the charles and Charles and Charles and the charles and the charles and Charles and Charles and the charles and the charles and the charles and the the charles and the charles and the charles and the the charles and the charles and the charles and the the charles and the charles and the charles and the the charles and the charles and the charles and the the charles and the charles and the charles and the the charles and the charles and the charles and the the charles and the charles and the charles and the the charles and the charles and the charles and the the charles and the charles and the charles and the the charles and the charles and the charles and the the charles and the charles and the charles and the the charles and the charles and the charles and the the charles and the charles and the charles and the the charles and the charles and the charles and the | 24.4 24 24.4 24 34.4 2 | BBA BBA <td>Set and set and</td> <td>Contractions Contractions C</td> <td>Electronic and experience Electronic and experience E</td> <td></td> <td>A second second</td> <td>San et al en el terre el terre San el el es el terre el terre el terre San el el es el terre el terre el terre San el el es el terre el terre San el el es el terre el terre San el el este el terre San el el este el terre San el el este el terre San el este el terre San el este el terre San el terre el terre el terre San el terre el terre el terre San el terre el terre el terr</td> <td>De Casa Los Des Casa Los</td> <td>Answer and A source of a sourc</td> <td>1005 PB 1005 PB 1005 PB wate RB d PB</td> <td></td> | Set and | Contractions C | Electronic and experience E | | A second | San et al en el terre el terre San el el es el terre el terre el terre San el el es el terre el terre el terre San el el es el terre el terre San el el es el terre el terre San el el este el terre San el el este el terre San el el este el terre San el este el terre San el este el terre San el terre el terre el terre San el terre el terre el terre San el terre el terre el terr | De Casa Los Des Casa Los | Answer and A source of a sourc | 1005 PB 1005 PB 1005 PB wate RB d PB | |
| p p p p p p p p p p p p p p | Jacon and Link In Concession (Josephin March 2014) and Concession (Josephin March 2014) part (Josephin March 201 | 36.54 36.74 36.34 36.74 36.34 36.74 36.34 36.74 36.34 36.74 36.34 36.74 36.34 36.74 36.34 36.74 36.34 36.74 36.34 36.74 36.34 36.74 36.34 36.74 36.34 36.74 36.34 36.74 36.34 36.74 36.34 36.74 36.34 36.74 36.34 36.74 36.34 36.74 36.34 36.74 37.34 36.74 37.34 36.74 37.34 36.74 37.34 36.74 37.34 36.74 37.34 37.74 37.34 37.74 | BBA BBA <td>Material Material Material Material<</td> <td>Oberandamente Oberandamente Oberandamente</td> <td>Electrical canacterization Electrical canacterization</td> <td></td> <td>Andream and any and any and any and any and any and any any and any any any any any any any any any any</td> <td>In a star and par a family of the star The star of each take a family of the star of each take a family of</td> <td>De Casa Los Des Casa Los</td> <td>American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012)</td> <td>1005 PB 1005 PB 1005 PB wate RB d PB</td> <td></td> | Material Material Material Material< | Oberandamente | Electrical canacterization Electrical canacterization | | Andream and any and any and any and any and any and any any and any | In a star and par a family of the star The star of each take a family of the star of each take a family of | De Casa Los Des Casa Los | American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) American And Links of Section 2012 (Constrained of Section 2012) | 1005 PB 1005 PB 1005 PB wate RB d PB | |
| p p p p p p p p p p p p p p | Second and a second sec | 24.4 24 24.4 24 34.4 2 | BBA BBA <td>Set and set and</td> <td>Organization Organization O</td> <td>Electrical canacterization Electrical canacterization</td> <td></td> <td>Constraints of an entropy (19 mm c) of entropy Constraints of an entropy (19 mm c) of entropy Constraints of an entropy (19 mm c) of entropy Constraints of an entropy (19 mm c) of entropy Constraints of an entropy (19 mm c) of entropy Constraints of an entropy (19 mm c) of entropy Constraints of an entropy (19 mm c) of entropy Constraints of an entropy (19 mm c) of entropy Constraints of an entropy Constraints of an entropy Constraints of an entropy Constraints Co</td> <td>In a star and par a family of the star The star of each take a family of the star of each take a family of</td> <td>De Casa Los Des Casa Los</td> <td>Answer and A source of a sourc</td> <td>1005 PB 1005 PB 1005 PB wate RB d PB</td> <td></td> | Set and | Organization O | Electrical canacterization Electrical canacterization | | Constraints of an entropy (19 mm c) of entropy Constraints of an entropy (19 mm c) of entropy Constraints of an entropy (19 mm c) of entropy Constraints of an entropy (19 mm c) of entropy Constraints of an entropy (19 mm c) of entropy Constraints of an entropy (19 mm c) of entropy Constraints of an entropy (19 mm c) of entropy Constraints of an entropy (19 mm c) of entropy Constraints of an entropy Constraints of an entropy Constraints of an entropy Constraints Co | In a star and par a family of the star The star of each take a family of the star of each take a family of | De Casa Los Des Casa Los | Answer and A source of a sourc | 1005 PB 1005 PB 1005 PB wate RB d PB | |
| D D | Jacon and Link In Concession (Con- tender Statistical) and Concession (Concession) and | 36.54 36.74 36.34 36.74 36.34 36.74 36.34 36.74 36.34 36.74 36.34 36.74 36.34 36.74 36.34 36.74 36.34 36.74 36.34 36.74 36.34 36.74 36.34 36.74 36.34 36.74 36.34 36.74 36.34 36.74 36.34 36.74 36.34 36.74 36.34 36.74 36.34 36.74 36.34 36.74 37.34 36.74 37.34 36.74 37.34 36.74 37.34 36.74 37.34 36.74 37.34 37.74 37.34 37.74 | BBB BBB <td>Material Material Material Material<</td> <td>Organization Organization O</td> <td>Electrical canacterization Electrical canacterization</td> <td></td> <td>Constraints of an entropy (19 mm c) of entropy Constraints of an entropy (19 mm c) of entropy Constraints of an entropy (19 mm c) of entropy Constraints of an entropy (19 mm c) of entropy Constraints of an entropy (19 mm c) of entropy Constraints of an entropy (19 mm c) of entropy Constraints of an entropy (19 mm c) of entropy Constraints of an entropy (19 mm c) of entropy Constraints of an entropy Constraints of an entropy Constraints of an entropy Constraints Co</td> <td></td> <td>De Casa Los Des Casa Los</td> <td>American And Links of Section 2012 (Control 2012) American American 2012 (Control 2012) American Ame</td> <td>1005 PB 1005 PB 1005 PB wate RB d PB</td> <td></td> | Material Material Material Material< | Organization O | Electrical canacterization Electrical canacterization | | Constraints of an entropy (19 mm c) of entropy Constraints of an entropy (19 mm c) of entropy Constraints of an entropy (19 mm c) of entropy Constraints of an entropy (19 mm c) of entropy Constraints of an entropy (19 mm c) of entropy Constraints of an entropy (19 mm c) of entropy Constraints of an entropy (19 mm c) of entropy Constraints of an entropy (19 mm c) of entropy Constraints of an entropy Constraints of an entropy Constraints of an entropy Constraints Co | | De Casa Los Des Casa Los | American And Links of Section 2012 (Control 2012) American American 2012 (Control 2012) American Ame | 1005 PB 1005 PB 1005 PB wate RB d PB | |
| D D | Jacon and Link In Processor (Jacon Series) and an antibal series of the | 245.424.4 245.4 245.4 245.4 245.4 245.424.4 245.4 245.4 245.424.4 245.4 245.424.4 245. | BB BB 2 3 3 3 4 3 5 3 4 3 4 3 5 3 6 3 6 3 6 3 6 3 6 3 6 3 6 3 6 3 7 3 8 3 8 3 9 3 10 3 10 3 10 3 10 3 10 3 10 3 10 3 10 3 10 3 10 3 10 3 10 3 10 3 10 3 10 3 10 | Sel | Oberandamente | Electrical control of the second of the | | Advances of a second seco | | De Cast Los Des Cast Los Des Cast Los Des Cast Los Des Cast Los Des Cast Los Des Cast Los Des Cast Los Des Ca | Amenangka bili bi Managan Amenangka bi Managan A | 1005 PB 1005 PB 1005 PB wate RB d PB | |
| D D | Jacon and Link In Section 100 Section 2016 (2016) Section 2016 (2016) | 245.424.4 245.4 245.4 245.4 245.4 245.424.4 245.4 245.4 245.424.4 245.4 245.424.4 245. | BB BB 2 3 3 3 4 3 5 3 4 3 4 3 5 3 6 3 6 3 6 3 6 3 6 3 6 3 6 3 6 3 7 3 8 3 8 3 9 3 10 3 10 3 10 3 10 3 10 3 10 3 10 3 10 3 10 3 10 3 10 3 10 3 10 3 10 3 10 3 10 | Sel | Organization O | Electrical control of the second of the | | Constraints of an entropy (19 mm c) of entropy Constraints of an entropy (19 mm c) of entropy Constraints of an entropy (19 mm c) of entropy Constraints of an entropy (19 mm c) of entropy Constraints of an entropy (19 mm c) of entropy Constraints of an entropy (19 mm c) of entropy Constraints of an entropy (19 mm c) of entropy Constraints of an entropy (19 mm c) of entropy Constraints of an entropy Constraints of an entropy Constraints of an entropy Constraints Co | | De Cast Los Des Cast Los Des Cast Los Des Cast Los Des Cast Los Des Cast Los Des Cast Los Des Ca | Amenangka bili bi Managan Amenangka bi Managan A | 1005 PB 1005 PB 1005 PB wate RB d PB | |
| D D | | 34 14 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 34 35 35 34 34 35 35 34 34 36 34 34 34 36 34 34 34 36 34 34 34 36 34 34 34 36 34 34 34 37 34 34 34 38 34 34 34 38 34 34 34 38 34 34 34 38 34 <td>Bat Bat Bat<td>Better Series (Series (</td><td>Organization Organization O</td><td>Even and a set of set of</td><td></td><td>Comparing and another the second second</td><td></td><td>De Cast Las De Cast Las Version de la construit de la construit de Cast la construit de la construit de la const</td><td>Answer and A source Answer and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a could it</td><td>1005 PB 1005 PB 1005 PB wate RB d PB</td><td></td></td> | Bat Bat <td>Better Series (Series (</td> <td>Organization Organization O</td> <td>Even and a set of set of</td> <td></td> <td>Comparing and another the second second</td> <td></td> <td>De Cast Las De Cast Las Version de la construit de la construit de Cast la construit de la construit de la const</td> <td>Answer and A source Answer and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a could it</td> <td>1005 PB 1005 PB 1005 PB wate RB d PB</td> <td></td> | Better Series (Series (| Organization O | Even and a set of | | Comparing and another the second | | De Cast Las De Cast Las Version de la construit de la construit de Cast la construit de la construit de la const | Answer and A source Answer and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a fourth it is used it Image and A source Stand with a could it | 1005 PB 1005 PB 1005 PB wate RB d PB | |
| p p p p p p p p p p p p p p | Jacon and Link In Section 100 Section 2016 (2016) Section 2016 (2016) | 245.424.4 245.4 245.4 245.4 245.4 245.424.4 245.4 245.4 245.424.4 245.4 245.424.4 245. | Bat Bat <td>Sele Sele Sele Sele Sele<td>Organization Organization O</td><td>Even and a set of set of</td><td></td><td>Andread and a second and a</td><td></td><td>De Cast Los Des Cast Los Des Cast Los Des Cast Los Des Cast Los Des Cast Los Des Cast Los Des Cast Los Des Ca</td><td>Anternational and a status of the status of</td><td>1005 PB 1005 PB 1005 PB wate RB d PB</td><td></td></td> | Sele Sele Sele <td>Organization Organization O</td> <td>Even and a set of set of</td> <td></td> <td>Andread and a second and a</td> <td></td> <td>De Cast Los Des Cast Los Des Cast Los Des Cast Los Des Cast Los Des Cast Los Des Cast Los Des Cast Los Des Ca</td> <td>Anternational and a status of the status of</td> <td>1005 PB 1005 PB 1005 PB wate RB d PB</td> <td></td> | Organization O | Even and a set of | | Andread and a second and a | | De Cast Los Des Cast Los Des Cast Los Des Cast Los Des Cast Los Des Cast Los Des Cast Los Des Cast Los Des Ca | Anternational and a status of the status of | 1005 PB 1005 PB 1005 PB wate RB d PB | |

| M | Planed timber, conifer (Treindustrien) | | 25.95m2 | 135.77 | 195.7 | Internal walls and non-bearing structures | 58 Quantity adjusted for stud wall per 1 m2 of wall area with 600 mm spacing | 2.7.Internal walks and partitions | | | Wooden stud internal wall assembly, 100 mm, incl. mineral | Filin wood/limber (softwood and hardwood) | Structural timber of spruce and pine, Norwegian Wood Industry Federation | Planed timber, conifer | | - | <u> </u> |
|---|--|---------------|----------|-----------------|----------|---|---|--|--|-----------------|---|---|---|--|---|-------------------|----------|
| ~~~ | Slass wool insulation panels, unfaced, generic, L = 0.001 | | 23.8414 | | 45 | | with 600 mm spacing | 2.7 John and and partoons | | | ENGINE AF ON | | Industry Federation | Paring ander, contra | | | |
| A5-3 | WinK, R = 3.23 m2KW (18 f2'Fh/BTU), 25 kg/m3 (1.56 ba/f3), (applicable for densities: 0-25 kg/m3 (0-1.56 ba/f3 ambded 201 Wiley 10 Jone (0-1.02) | 205 | 97.75m2 | 39.58 | 39.5 | Internal walls and non-bearing structures | 500 Quantity adjusted so that insulation fills the gaps of stud wall | 2.7 Internal walk and partitions | | | Wooden stud internal wall assembly, 100 mm, incl. mineral insulation, for UK | | One Click LCA | Glass wool insulation panels, unfaced, generic | | Pa | |
| A5-3 | Gypsum plaster board, regular, genetic, 6.5-25 mm (0.25-0 0, 10.725 kg/m2 (2.20 ba/t2) (for 12.5 mm/0.49 in), 858 k [53.6 ba/t2) (One Click LCA) | oska kgim3 | 223.7+12 | 32.96 | 32.9 | Internal walls and non-bearing structures | 13 | 2.7 internal walk and partitions | | | Wooden stud internal wall assembly, 100 mm, incl. mineral insulation, for UK | ool Regular gypsum board | One Click LCA | Gypeum plaster board, regular, generic | | P232 | 1 |
| A5-3 | 23 6 bitroj (date blak codu Gypsum plater boast, regular, genetic, 6.5-25 mm (0.25-6 (), 10.725 kg/m2 (2.20 ba/t2) (for 12.5 mm/0.49 in), 658 k (53.6 ba/t2) (One Click LCA) | osia Agina | 223.7m2 | 32.98 | 32.9 | Internal walls and non-bearing structures | 13 | 2.7 Internal walks and partitions | | | Wooden stud internal wall assembly, 100 mm, incl. mineral insulation, for UK | epol Regular gypsum board | One Click LCA | Gypeum plaster board, regular, generic | | P232 | |
| 45-3 | Planed timber, conifer (Treindustrien) | | 25.95m2 | 109.6 | 109 | Internal walls and non-bearing structures | Cuantity adjusted for stud wall per 1 m2 of wall area | 27.Internal walls and partitions 27.Internal walls and partitions | | | Wooden stud internal wall assembly, 100 mm, incl. mineral | ppi Plan wood/limber (softwood and hardwood) | Structural timber of spruce and pine, Norwegian Wood | Planed timber, confer | | | - |
| 83 | Sizes wool insulation namely unfaced generic 1 a 0.031 | | 23.10152 | 0 | | internal wate and non-bearing structures | with 600 mm spacing | 2.7 Internal walk and partitions | | | insulation, for UK | | Industry Federation | Haned Simpler, contrer | | 10 | |
| 80 | WinK, R = 3.23 m2KW (18 f2'Fh/BTU), 25 kg/m3 (1.56 ba/f3), (applicable for densities: 0-25 kg/m3 (0-1.56 ba/f3 ambded 201 Wiley 10 Jone (0-1.02) | 206. 1 | 97.75m2 | 0 | | Internal walls and non-bearing structures | 100 Quantity adjusted so that insulation fills the gaps of stud wall | 2.7 Internal walls and partitions | | | Wooden stud internal wall assembly, 100 mm, incl. mineral insulation, for UK | | One Click LGA | Glass wool insulation panels, unfaced, generic | | P3 | |
| 83 | 2ppsum plaster board, regular, genetic, 6.5-25 mm (0.25-6 rl), 10.725 kg/m2 (2.20 ba/t0) (for 12.5 mm/0.49 in), 656 i 53 6 ba/t3) (Dne Click LCA) 2ppsum plaster board, regular, genetic, 6.5-25 mm (0.25-6 | ose kgima | 223.7+12 | • | | Internal walls and non-bearing structures | 13 | 2.7 Internal walls and partitions | | | Wooden stud internal wall assembly, 100 mm, incl. mineral insulation, for UK | | One Click LCA | Gypeum plaster board, regular, genetic | | P232 | 4 |
| 83 | Lypsum passer board, regular, generic, 6.3-45 mm (U.35-6 n), 10.725 kg/m2 (2.20 ba/t2) (for 12.5 mm/0.49 in), 858 k (53.6 ba/t3) (One Olick LCA) | kgim3 | 223.7m2 | • | | Internal walls and non-bearing structures | 13 | 2.7 Internal walls and partitions 2.7 Internal walls and partitions | | | Wooden stud internal wall assembly, 100 mm, incl. mineral insulation, for UK | egol Regular gypsum board | One Click LCA | Gypeum plaster board, regular, generic | | P232 | |
| C2 | Planed timber, conifer (Treindustrien) | | 25.95m2 | 2.05 | 4.0 | Internal walls and non-bearing structures | ge Quantity adjusted for stud wall per 1 m2 of wall area | 2.7 Internal walls and partitions | | | Wooden stud internal wall assembly, 100 mm, incl. mineral insulation for LM | Pain wood/timber (softwood and hardwood) | Structural timber of spruce and pine, Norwegian Wood Industry Enderation | Planed timber, conifer | Trailer combination, 40 ton capacity, 1001 Ill rate | . ⁵ PS | |
| | Glass wool insulation panels, unfaced, generic, L = 0.031 Minut. D = 1.23 m36/36/18 #215x80710 35 kmim3 (1.55 | | | | | | 100 Quantity adjusted so that insulation fills the gaps of | | | | Wooden stud internal wall assembly, 100 mm, incl. mineral workships, for UK | | inder president | | | - | |
| C2 | Hendy, Kapitable for densities: 6-25 (pd spin) (1-36 BeH2), (papitable for densities: 6-25 (pd spin) (0-15 lise/12 Lambda=0.011 W((n.K)) (Dne Click LCA) Sypsum plaster bosed, regular, genetic, 8:5-25 mm (0.25-6 (), 10.725 kg/m2 (2:26 beH2) (for 12.5 mm/0.49 in), 658 i | 205 | 97.75n2 | 0.72 | 1.4 | Internal walls and ton-bearing structures | 500 because adjusted no use transmissi tan par gapa or | | | | Insulation, for UK Wooden stud internal wall assembly, 100 mm, incl. mineral | | One Click LGA | Glass wool insulation panels, unfaced, generic | Dumper truck, 19 ton capacity, 100% fill n | _ | |
| 62 | n), 10.725 kg/m2 (2.20 kw/t2) (for 12.5 mm/0.49 in), 658 k 53.6 kw/t3) (One Click LCA) 2ypsum plaster board, regular, genetic, 6.5-25 mm (0.255 (r), 10.735 kg/m2 (2.20 kw/t2) (for 12.5 mm/0.49 in), 658 k | | 223.7m2 | 27.38 | 547 | Internal walls and non-bearing structures | 13 | 2.7 Internal walk and partitions | | | Wooden stud internal was assembly, 100 mm, incl. mineral insulation, for UK Wooden stud internal wall assembly, 100 mm, incl. mineral second rate for UK | Keguar gipsun board | One Click LCA | Gypeum plaster board, regular, generic | Dumper truck, 19 ton capacity, 100% fill n | - | |
| C2 62 | n), 10.725 kgim2 (2.20 ba/t2) (for 12.5 mm/0.49 in), 858 k (53.6 ba/t2) (One Olick LCA) | kgim3 | 223.7+2 | 27.30 | 54.7 | Internal walls and non-bearing structures | 13 | 2.7 Internal walls and partitions 2.7 Internal walls and partitions | | | and and the UK | | One Click LGA | Gypeum plaster board, regular, generic | Dumper truck, 19 Ion capacity, 100% fill n | a#232 | 1 |
| ca | Planed timber, coniller (Treindustrien) | | 25.95m2 | 12.74 | 12.7 | Internal walls and non-bearing structures | 50 Suanity adjusted for stud wall per 1 m2 of wall area with 600 mm spacing | 2.7 Internal walls and partitions | | | Wooden stud internal wall assembly, 100 mm, incl. mineral insulation, for UK | Plan wood/timber (softwood and hardwood) | Structural timber of spruce and pine, Norwegian Wood Industry Federation | Planed timber, conifer | Waste wood and wood products incineral | .5885 | |
| 8 | Gypsum plaster board, regular, generic, 6.5-25 mm (0.25-0 n), 10.725 kg/m2 (2.20 ba/t2) (for 12.5 mm/0.49 in), 858 k (53.6 ba/t2) (One Olick LCA) | osie kgimā | 223.7m2 | 1.77 | 1.7 | Internal walls and non-bearing structures | 13 | 2.7 Internal walls and partitions | | | Wooden stud internal wall assembly, 100 mm, incl. mineral insulation, for UK | epol Regular gypsum board | One Click LGA | Gypeum plaster board, regular, generic | Recycling of gypsum board, gypsum pulverizing and handling | P232 | |
| C3 | 2ypsum plaster board, regular, genetic, 6.5-25 mm (0.25-0 n), 10.725 kg/m2 (2.20 be/t2) (for 12.5 mm/0.49 in), 858 i (53.6 be/t3) (One Click LCA) | o.se kgim3 | 223.7m2 | 1.77 | 1.7 | Internal walls and non-bearing structures | 13 | 2.7 Internal walls and partitions | | | Wooden stud internal wall assembly, 100 mm, incl. mineral insulation, for UK | ngol Regular gypsum board | One Click LCA | Gypeum plaster board, regular, generic | Recycling of gypsum board, gypsum pulverizing and handling | P232 | 4 |
| C3-balancing | Planed timber, conifer (Treindustrien) | 1 | 25.95m2 | 17.20 | 17.2 | Internal walls and non-bearing structures | Standby adjusted for stud wall per 1 m2 of wall area with 600 mm spacing | 2.7 Internal walls and partitions 2.7 Internal walls and partitions | | | Wooden stud internal wall assembly, 100 mm, incl. mineral | Filin wood/timber (softwood and hardwood) | Structural timber of spruce and pine, Norwegian Wood | Planed Simber, confler | - | PS | t . |
| C3-balancing | Gypsum plaster board, regular, generic, 6.5-25 mm (0.25-0 e), 10.725 kg/m2 (2.20 ba/t2) (for 12.5 mm/0.49 in), 658 k | | 223.7m2 | | | Internal walls and non-bearing structures | with 600 mm spacing | 2.7 Internal walk and partitions | | | Wooden stud internal wall assembly, 100 mm, incl. mineral | pol Regular gypsum board | Industry Federation | Gypeum plaster board, regular, generic | | | |
| C3-balancing | rty, in 72 kg/m (220 birk2) (n 125 minorit in), tota (53.6 birk13) (One Cick LCA) Sypaun plaster boad, regular, genetic, 65-25 mm (0.250 n), 10.725 kg/m2 (220 birk12) (for 12.5 mm/0.49 in), 658 k | | 223.7m2 | | | Internal walls and non-bearing structures | | 2.7 Internal walk and partitions | | | insulation, for UK Wooden stud internal wall assembly, 100 mm, incl. mineral | pol Regular gypsum board | One Click LCA | Gypeum plaster board, regular, generic | | P232 | |
| C3-balancing | (53.6 batt3) (One Click LCA) | | 220.71% | 9478.45 | | | | 27.internal walls and partitions | | | insulation, for UK | Kellone Monori oran | | oppears passes coard, regular, generic | | | |
| C4 | Glass wool insulation panels, unfaced, generic, L = 0.031 Nink, R = 3.23 mGWW (18 82°FNBTU), 25 kg/m3 (1.56 bs/h3), (applicable for densitian: 0-25 kg/m3 (2-1.56 bs/h3) Lambda=0.011 W(m/k) (Diso Click LCA) | ao. 1 | 97.75m2 | 129 | 12 | Internal walks and non-bearing structures | Duanity adjusted so that insulation fills the gaps of stud wall | 2.7 Internal walk and partitions | | | Wooden stud internal wall assembly, 100 mm, incl. mineral insulation, for UK | egol Glass wool insulation | One Click LCA | Gass wool insulation panels, unfaced, generic | inert materials landfilling | P3 | |
| C4-balancing | Gass wool insulation panels, unfaced, generic, L = 0.031 Ninsk, R = 3.23 mSWW (18 82°FNBTU), 25 kg/m3 (1.56 bs/t3), (applicable for densitian: 0-25 kg/m3 (2-1.56 bs/t3) Lambda=0.031 W(m/K) (Dise Click LCA) | 206 1 | 97.75m2 | • | | Internal walls and non-bearing structures | 100 Quantity adjusted so that insulation file the gaps of shad wall | 2.7 Internal walks and partitions | | | Wooden stud internal wall assembly, 100 mm, incl. mineral insulation, for UK | Chies wool insulation | One Click LGA | Glass wool insulation panels, unfaced, generic | | P3 | |
| 0 | Planed timber, confler (Treindustrien) | | 25.95m2 | -358.38 | -716.7 | Internal walls and non-bearing structures | ge Quantity adjusted for stud wall per 1 m2 of wall area with 600 mm spacing | 2.7 Internal walks and partitions | | | Wooden stud internal wall assembly, 100 mm, incl. mineral insulation, for UK | Thin wood/timber (softwood and hardwood) | Structural timber of spruce and pine, Norwegian Wood Industry Federation | Planed timber, conifer | | PS | |
| D | Gypsum plaster board, regular, generic, 6.5-25 mm (0.25-0 e), 10.725 kg/m2 (2.20 ba/H2) (for 12.5 mm/0.49 in), 656 k | osia Agina | 223.7m2 | -2.05 | -67 | Internal walls and non-bearing structures | tal boo minispacing | 2.7 Internal walls and partitions | | | Wooden stud internal wall assembly, 100 mm, incl. mineral insulation, for UK | | One Click LCA | Gypeum plaster board, regular, generic | | P232 | |
| D | (53.6 ba19) (One Click LCA) Sypsum plaster board, regular, generic, 6.5-25 mm (0.25-0 n), 10.725 kg/m2 (2.20 ba192) (for 12.5 mm/0.49 in), 658 k | o.se kgim3 | 223.7+2 | -2.65 | 67 | Internal walks and non-bearing structures | 13 | 2.7 Internal walks and partitions | | | Wooden stud internal wall assembly, 100 mm, incl. mineral insulation, for UK | epol Regular gypsum board | One Click LCA | Gypeum plaster board, regular, generic | | P232 | |
| 0 | (51.6 balt0) (One Olick LCA) | | - | | | | | 2.7.Internal walls and partitions | | | | | | | | + | - |
| A1-A3 Product stage (excl. | | - | 8.19m3 | 2469.53 | 2527.0 | Finishes and coverings | Edernal walls, internal walls, ceilings | 2.7.Internal walls and partitions 3.Finishes | | | | Gypsum plaster (interior applications) | FIH WLC Conventions v1 | | | P232 | - |
| sequestered carbon) A1-A3 Product stage (eecl. | Paster Akyd emulsion-based paint, 1.2 kgl, pigment volume | - | 5540 | 1004.94 | | Enishes and coverings | External walls, internal walls, cellings | 1 Englisher | | | | Paints, coatings and lacquers | PHH WELL CONVENIENT VI | Planer Allori amulsion,hasari naint | | P232 | |
| sequestered carbon) A1-A3 Product stage (eac | concentration 15.8 v%, solvent weight 1 m% (One Click LC | - | 50%g | 203.03 | 203.0 | Finishes and coverings | Edernal valis, internal valis, cellings | 3 Finishes | | | | Paints, coatings and lacquers | One Click LCA | Aliyd emulsion-based paint | | P7 | |
| sequestered carbon) A 1-A3 Sequestered Carbon | Plaster | 1 | 8.540 | - | - | Finishes and coverings | Edenal vals, intenal vals, cellnos | 2 Finishes | | | | Ovosum plaster (interior applications) | FHH WLC Conventions v1 | Plaster | | P202 | + |
| A1-A3 Sequestered Carbon | Akyd emulsion-based paint, 1.2 kgl, pigment volume | 1 | 50 kg | 0 | | Finishes and coverings | Edemal walls, internal walls, ceilings | 3.Finishes | 1 1 | | | Paints, coatings and lacquers | One Click LCA | Fasan Alkyd emulsion-based paint | | P7 | |
| A1-A3 Sequestered Carbon | concentration 15.8 v%, solvent weight 1 m% (One Olick LC | 1 | | | | | - | 1.Finishes | | | | | | | 1 | + | 1 |
| 44 | Plaster | 1 | 8.1910 | 266.73 | 266.7 | Finishes and coverings | Ademal walls, internal walls, ceilings | 1 Finishes | | | | Gypsum plaster (interior applications) | FIGH WLC Conventions vf | Plaster | | P222 | 1 |
| A4 | Akyd emulaton-based paint, 1.2 kgl, pigment volume concentration 15.8 v%, solvent weight 1 m% (One Click LC | - | 50 kg | 1.44 | | Finishes and coverings | External walls, internal walls, ceilings | 3.Finishes 3.Finishes | | | | Paints, coatings and lacquers | One Click LCA | Alkyd emulsion-based paint | | P7 | - |
| 45-3 | Plaster Alkvd emulsion-based paint, 1,2 kpl, pipment volume | 1 | 8.1910 | 268.10 86.15 | 66.1 | Finishes and coverings | External walls, internal walls, ceilings | 3.Finishes | | | | Gypsum plaster (interior applications) | FIGH WLC Conventions v1 | Plaster | | P222 | 1 |
| 453 | Akyd emulsion-based paint, 1.2 kgil, pigment volume concentration 15.8 v%, solvent weight 1 m% (One Click LC | - | 50 kg | 12.25 | | Finishes and coverings | Edernal walls, internal walls, ceilings | 3.Finishes | | | | Paints, coatings and lacquers | One Click LCA | Akyd emulsion-based paint | | P7 | |
| A5-3 83 | Plaster | | 8.1910 | 94.43 0 | | Finishee and coverings | External walls, internal walls, ceilings | 1 Finishes 1 Finishes | | | | Gypnum plaster (interior applications) | FHH WLC Conventions v1 | Plaster | | P222 | + |
| 83 | Akyd emulsion-based paint, 1.2 kg3, pigment volume concentration 15.8 v%, solvent weight 1 m% (One Click LC | | solig | 0 | | Finishes and coverings | Edernal walls, internal walls, ceilings | 3.Finishes | | | | Paints, coatings and lacquers | One Click LCA | Aliyd emulsion-based paint | | P7 | 1 |
| 83 84 | Plaster | | 8.1910 | 1112.91 | 2239.8 | Finishes and coverings | Edernal walls, internal walls, ceilings | 1.Finishes 1.Finishes | | | | Gypsum plaster (interior applications) | FIGH WLC Conventions vf | Plaster | | P232 | |
| 04 D4 | Akyd emutation-based paint, 1.2 kgl, pigment volume concentration 15.8 v%, solvent weight 1 m% (One Click LC | - | 50 kg | 716.15 | 1085.3 | Finishes and coverings | External walls, internal walls, ceilings | 1 Finishes 1 Finishes | | - | | Paints, coatings and lacquers | One Click LCA | Alkyd emulsion-based paint | | P7 | 1 |
| 2 | Plaster | | 8.19m3 | 20.37 | | Finishes and coverings | External walls, internal walls, ceilings | 3 Finishes | | | | Gypsum plaster (interior applications) | FHH WLC Conventions v1 | Plaster | Dumper track, 19 ton capacity, 100% fill n | ra#232 | |
| C2 | Akyd emulsion-based paint, 1.2 kgll, pigment volume concentration 15.8 v%, solvent weight 1 m% (One Click LC | -0 | Sõlig | 0.073 | | Finishes and coverings | Edernal walls, internal walls, ceilings | 3.Finishes | | | | Paints, coatings and lacquers | One Click LCA | Akyd emulsion-based paint | Dumper truck, 19 ton capacity, 100% fill n | u#7 | |
| C2 C4 | Plaster | | 8.1910 | 28.45 36.21 | 40.0 | Finishes and coverings | Edernal walls, internal walls, ceilings | 3.Finishes 1.Finishes | | | | Gypsum plaster (interior applications) | FIGH WLC Conventions vf | Plaster | hert materials landfilling | P232 | t |
| 04 | Akyd emulsion-based paint, 1.2 kg8, pigment volume concentration 15.8 v%, solvent weight 1 m% (One Click LC | - | 50 kg | 0.13 | | Finishes and coverings | Edernal walls, internal walls, ceilings | 3.Finishes | | | | Paints, coatings and lacquers | One Click LCA | Akyd emulsion-based paint | inert materials landfilling | ₽7 | |
| 04 Of-balancing | Plaster | | 8.1910 | 36.36 | 36.3 | Finishes and coverings | Edernal walls, internal walls, cellings | 3 Finishes 3 Finishes | | _ | | Gypsum plaster (interior applications) | FreH WLC Conventions v1 | Plaster | | P222 | + |
| O4-balancing | Alkyd emutation-based paint, 1.2 kg/l, pigment volume concentration 15.8 v%, solvent weight 1 m% (One Click LC | - | 50 kg | 0 | 4 | Finishes and coverings | External walls, internal walls, ceilings | 3.Finishes | | | | Paints, coatings and lacquers | One Click LCA | Akyd emulsion-based paint | | P7 | |
| C6-balancing | | | | 4272.41 | \$782.0 | | | 1Finishes 1Finishes | | | | | | | | \pm | |
| 06-electricity | Cledricity, UK 2022, based on energy supplementary table Whole life carbon assessment RICS, 2nd edition | 1 | 6431KWh | 25104.05 | 112944.4 | Electricity use | OPER | | | ther uses (06.3 | 2 | Electricity | | Electricity, UK 2023 | | Pß | |
| 87 | Water supply, LIK 2023 | | 240.9m3 | \$10.70 | | Total water consumption | 6 person 110 lipid | | 87.1 - Essential Building- integrated systems | | | Water | | Water supply, UK 2025 | | PB | |
| L | 1 | 1 | | 25654.81 | 116498.5 | • | 1 | | | - | 1 | | 1 | I | | | 1 |