

## Appendix to Certificate of Verification

Appendix Number: ENP515a Issue: 1

**Durisol UK Ltd**  
 Parkway  
 Pen-y-Fan Industrial Estate  
 Crumlin, Gwent  
 NP11 3EF

### Characterised and normalised data for: External Wall Construction: Insulated concrete formwork systems (ex wall type 12)

Cement and sand render on Durisol D300/120 cement bonded recycled softwood blocks with PIR insulation; infilled with C30 concrete with steel reinforcement, plasterboard & paint



#### Quality of data for profiled material

Start date	1/1/2014
End Date	31/12/2014
Representativeness	1 site representing 100% production
LCA Methodology	BRE Environmental Profiles Methodology 2008
Allocation	100% to product
Date of data entry	14/4/2016
Boundary	Cradle to Grave over 60-year study period
Applicable buildings	All Building Types
Source of data	Company records
Geography	UK

(Data for other constituent materials are available from BRE Global)

#### BRE Ecopoints score: 0.843 Ecopoints

This certificate appendix is maintained and held in force through annual review and verification.

Signed for BRE Global Ltd.

Laura Critien  
 Certification Scheme Manager

28 June 2016  
 Date of Issue

27 June 2019  
 Expiry Date



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Issue: 1

### Durisol UK Ltd

Parkway  
Pen-y-Fan Industrial Estate  
Crumlin, Gwent  
NP11 3EF

### External Wall Construction: Insulated concrete formwork systems (ex wall type 12)

Cement and sand render on Durisol D300/120 cement bonded recycled softwood blocks with PIR insulation; infilled

#### Characterised Data

Issue	Value	Unit
Climate Change	97.8	kg CO <sub>2</sub> eq (100 yr.)
Water Extraction	1.02	m <sup>3</sup>
Mineral Resource Extraction	0.418	tonnes
Stratospheric Ozone Depletion	0.000105	kg CFC11 eq.
Human Toxicity	35.2	kg 1,4-DB eq.
Ecotoxicity to Freshwater	4.96	kg 1,4-DB eq.
Nuclear Waste (higher level)	0.000000922	m <sup>3</sup> high level waste
Ecotoxicity to Land	0.261	kg 1,4-DB eq..
Waste Disposal	166	kg
Fossil Fuel Depletion	1520	MJ
Eutrophication	0.0987	kg PO <sub>4</sub> eq.
Photochemical Ozone Creation	0.09	kg ethene eq.
Acidification	0.991	kg SO <sub>2</sub> eq.

#### Normalised data

Issue	Value	Western European Citizen's Annual Impacts
Climate Change	0.00795	12300 kg CO <sub>2</sub> eq (100 yr.)
Water Extraction	0.00269	378 m <sup>3</sup>
Mineral Resource Extraction	0.0171	24.4 tonnes
Stratospheric Ozone Depletion	0.000484	0.217 kg CFC11 eq.
Human Toxicity	0.00178	19700 kg 1,4-DB eq.
Ecotoxicity to Freshwater	0.00377	1320 kg 1,4-DB eq.
Nuclear Waste (higher level)	0.00389	2.37 x 10 <sup>-5</sup> m <sup>3</sup> high level waste
Ecotoxicity to Land	0.00213	123 kg 1,4-DB eq..
Waste Disposal	0.0442	3750 kg
Fossil Fuel Depletion	0.00557	273 GJ
Eutrophication	0.00304	32.5 kg PO <sub>4</sub> eq.
Photochemical Ozone Creation	0.00418	21.5 kg ethene eq.
Acidification	0.0139	71.2 kg SO <sub>2</sub> eq.

**BRE Ecopoints score: 0.843 Ecopoints**

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