

Appendix to Certificate of Verification

Appendix Number: ENP515b Issue: 1

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

Characterised and normalised data for: External Wall Construction: Insulated cladding on in situ concrete wall (ex wall type 8.5)

Cement and sand render on Durisol D365/120 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	14/01/2016
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: 0.911 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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Cement and sand render on Durisol D365/120 cement bonded recycled softwood blocks with PIR insulation; infilled

Characterised Data

Issue	Value	Unit
Climate Change	108	kg CO ₂ eq (100 yr.)
Water Extraction	1.31	m ³
Mineral Resource Extraction	0.435	tonnes
Stratospheric Ozone Depletion	0.000121	kg CFC11 eq.
Human Toxicity	38.8	kg 1,4-DB eq.
Ecotoxicity to Freshwater	5.49	kg 1,4-DB eq.
Nuclear Waste (higher level)	0.000000101	m ³ high level waste
Ecotoxicity to Land	0.303	kg 1,4-DB eq..
Waste Disposal	175	kg
Fossil Fuel Depletion	1780	MJ
Eutrophication	0.112	kg PO ₄ eq.
Photochemical Ozone Creation	0.101	kg ethene eq.
Acidification	1.09	kg SO ₂ eq.

Normalised data

Issue	Value	Western European Citizen's Annual Impacts
Climate Change	0.0088	12300 kg CO ₂ eq (100 yr.)
Water Extraction	0.00347	378 m ³
Mineral Resource Extraction	0.0178	24.4 tonnes
Stratospheric Ozone Depletion	0.000557	0.217 kg CFC11 eq.
Human Toxicity	0.00196	19700 kg 1,4-DB eq.
Ecotoxicity to Freshwater	0.00417	1320 kg 1,4-DB eq.
Nuclear Waste (higher level)	0.00427	2.37 x 10 ⁻⁵ m ³ high level waste
Ecotoxicity to Land	0.00246	123 kg 1,4-DB eq..
Waste Disposal	0.0467	3750 kg
Fossil Fuel Depletion	0.00652	273 GJ
Eutrophication	0.00344	32.5 kg PO ₄ eq.
Photochemical Ozone Creation	0.0047	21.5 kg ethene eq.
Acidification	0.0153	71.2 kg SO ₂ eq.

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