

Appendix to Certificate of Verification

Appendix Number: ENP427c Issue: 2

ROCKPANEL Group
 Konstruktieweg 2
 6045 JD
 Roermond
 The Netherlands

Characterised and normalised data for: External Wall Construction: Rainscreen cladding on steel frame with block infill (ex wall type 7.1a)

Rockpanel Durable and timber battens, breather
 membrane, insulation, structural steel frame, medium
 dense solid blockwork with cement mortar,
 plasterboard on battens, paint



Quality of data for profiled material

Start date	1/1/2013
End Date	12/31/2013
Representativeness	1 site representing 100% production
LCA Methodology	BRE Environmental Profiles Methodology 2008
Allocation	100% to product
Date of data entry	9/23/2015
Boundary	Cradle to Grave over 60-year study period
Applicable buildings	All building types
Source of data	Company records
Geography	The Netherlands

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

BRE Ecopoints score: 0.498 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

19 April 2016
 Date of Issue

18 April 2019
 Expiry Date



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Rockpanel Durable and timber battens, breather membrane, insulation, structural steel frame, medium dense solid

Characterised Data

Issue	Value	Unit
Climate Change	93	kg CO ₂ eq (100 yr.)
Water Extraction	0.683	m ³
Mineral Resource Extraction	0.171	tonnes
Stratospheric Ozone Depletion	0.0000873	kg CFC11 eq.
Human Toxicity	43.1	kg 1,4-DB eq.
Ecotoxicity to Freshwater	4.55	kg 1,4-DB eq.
Nuclear Waste (higher level)	0.000000101	m ³ high level waste
Ecotoxicity to Land	0.173	kg 1,4-DB eq..
Waste Disposal	59	kg
Fossil Fuel Depletion	1380	MJ
Eutrophication	0.0658	kg PO ₄ eq.
Photochemical Ozone Creation	0.102	kg ethene eq.
Acidification	0.754	kg SO ₂ eq.

Normalised data

Issue	Value	Western European Citizen's Annual Impacts
Climate Change	0.00757	12300 kg CO ₂ eq (100 yr.)
Water Extraction	0.00181	378 m ³
Mineral Resource Extraction	0.00703	24.4 tonnes
Stratospheric Ozone Depletion	0.000402	0.217 kg CFC11 eq.
Human Toxicity	0.00218	19700 kg 1,4-DB eq.
Ecotoxicity to Freshwater	0.00345	1320 kg 1,4-DB eq.
Nuclear Waste (higher level)	0.00426	2.37 x 10 ⁻⁵ m ³ high level waste
Ecotoxicity to Land	0.00141	123 kg 1,4-DB eq..
Waste Disposal	0.0157	3750 kg
Fossil Fuel Depletion	0.00506	273 GJ
Eutrophication	0.00202	32.5 kg PO ₄ eq.
Photochemical Ozone Creation	0.00475	21.5 kg ethene eq.
Acidification	0.0106	71.2 kg SO ₂ eq.

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