

Appendix to Certificate of Verification

Appendix Number: ENP427o Issue: 2

ROCKPANEL Group
 Konstruktieweg 2
 6045 JD
 Roermond
 The Netherlands

Characterised and normalised data for: External Wall Construction: Rainscreen cladding on concrete frame with timber stud infill (ex wall type 7.2b)

Rockpanel Durable and timber battens, breather membrane, insulation, structural concrete frame, sheathing ply, timber stud with insulation, polyethylene sheet VCL, 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: 0.419 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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Characterised Data

Issue	Value	Unit
Climate Change	50.8	kg CO ₂ eq (100 yr.)
Water Extraction	0.937	m ³
Mineral Resource Extraction	0.0861	tonnes
Stratospheric Ozone Depletion	0.0000949	kg CFC11 eq.
Human Toxicity	63.6	kg 1,4-DB eq.
Ecotoxicity to Freshwater	6.43	kg 1,4-DB eq.
Nuclear Waste (higher level)	0.000000121	m ³ high level waste
Ecotoxicity to Land	0.252	kg 1,4-DB eq.
Waste Disposal	54.1	kg
Fossil Fuel Depletion	1290	MJ
Eutrophication	0.0613	kg PO ₄ eq.
Photochemical Ozone Creation	0.108	kg ethene eq.
Acidification	0.686	kg SO ₂ eq.

Normalised data

Issue	Value	Western European Citizen's Annual Impacts
Climate Change	0.00413	12300 kg CO ₂ eq (100 yr.)
Water Extraction	0.00248	378 m ³
Mineral Resource Extraction	0.00353	24.4 tonnes
Stratospheric Ozone Depletion	0.000437	0.217 kg CFC11 eq.
Human Toxicity	0.00322	19700 kg 1,4-DB eq.
Ecotoxicity to Freshwater	0.00488	1320 kg 1,4-DB eq.
Nuclear Waste (higher level)	0.00511	2.37 x 10 ⁻⁵ m ³ high level waste
Ecotoxicity to Land	0.00205	123 kg 1,4-DB eq.
Waste Disposal	0.0144	3750 kg
Fossil Fuel Depletion	0.00473	273 GJ
Eutrophication	0.00189	32.5 kg PO ₄ eq.
Photochemical Ozone Creation	0.005	21.5 kg ethene eq.
Acidification	0.00964	71.2 kg SO ₂ eq.

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