

Appendix to Certificate of Approval

Appendix Number: ENP427g Issue: 4

Rockpanel
 Konstruktieweg 2
 6045 JD
 Roermond
 The Netherlands



Characterised and normalised data for:

External Wall Construction: Rainscreen cladding on steel frame with metal stud infill (ex wall type 7.1c)

Rockpanel Durable and timber battens, structural steel frame, breather membrane, insulation, cement-bonded particle board, light steel frame, plasterboard on battens, paint
 1 m² over 60-year study period

Quality of data for profiled material

Start date	01/01/2017
End Date	31/12/2017
Representativeness	1 site representing 100% production
LCA Methodology	BRE Environmental Profiles Methodology 2008
Allocation	100% to product
Date of data entry	18/02/2021
Boundary	Cradle to Grave over 60-year study period
Applicable buildings	All building types
Source of data	Company records
Geography	NL

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

BRE Ecopoints score: 0.515 Ecopoints

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

Signed for BRE Global Ltd.

Laura Critien

Certification Schemes Manager

23 December 2021

Date of Issue

31 December 2023

Expiry Date



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Characterised Data

Issue	Value	Unit
Climate Change	109	kg CO ₂ eq. (100 yr.)
Water Extraction	0.719	m ³
Mineral Resource Extraction	0.0879	tonnes
Stratospheric Ozone Depletion	0.000068	kg CFC11 eq.
Human Toxicity	43.5	kg 1,4-DB eq.
Ecotoxicity to Freshwater	5.06	kg 1,4-DB eq.
Nuclear Waste (higher level)	0.000000117	m ³ high level waste
Ecotoxicity to Land	0.181	kg 1,4-DB eq.
Waste Disposal	65.6	kg
Fossil Fuel Depletion	1390	MJ
Eutrophication	0.0611	kg PO ₄ eq.
Photochemical Ozone Creation	0.1	kg ethene eq.
Acidification	0.734	kg SO ₂ eq.

Normalised data

Issue	Value	Western European Citizen's Annual Impacts
Climate Change	0.00888	12300 kg CO ₂ eq. (100 yr.)
Water Extraction	0.0019	378 m ³
Mineral Resource Extraction	0.0036	24.4 tonnes
Stratospheric Ozone Depletion	0.000313	0.217 kg CFC11 eq.
Human Toxicity	0.0022	19700 kg 1,4-DB eq.
Ecotoxicity to Freshwater	0.00384	1320 kg 1,4-DB eq.
Nuclear Waste (higher level)	0.00494	2.37 x 10 ⁻⁵ m ³ high level waste
Ecotoxicity to Land	0.00147	123 kg 1,4-DB eq.
Waste Disposal	0.0175	3750 kg
Fossil Fuel Depletion	0.00508	273 GJ
Eutrophication	0.00188	32.5 kg PO ₄ eq.
Photochemical Ozone Creation	0.00466	21.5 kg ethene eq.
Acidification	0.0103	71.2 kg SO ₂ eq.

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