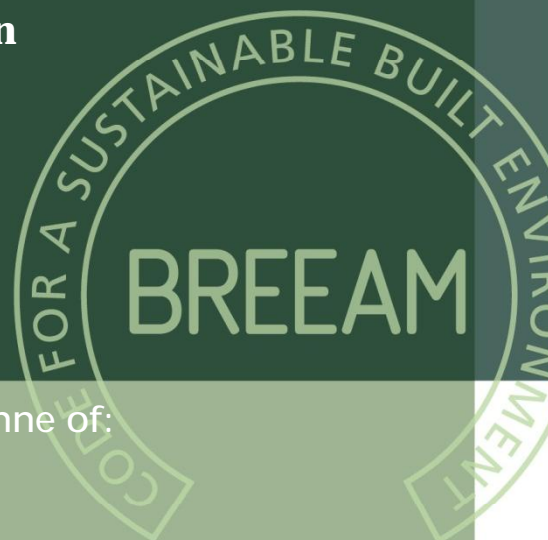


Appendix to Certificate of Verification

Appendix Number: ENP503d Issue: 1

SmartPly Europe Ltd

Belview
Slieverue
Waterford
Ireland



Characterised and normalised data for 1 tonne of:

SmartPly T&G OSB/3 (600 kg/m³)

Quality of data for profiled material

Start date	01/01/2011
End date	31/12/2011
Representativeness	1 site representing 100% production
LCA Methodology	BRE Environmental Profiles Methodology 2008
Allocation	100% to product
Date of data entry	28/05/2013
Boundary	Cradle-to-gate
Applicable buildings	n/a
Source of data	Company records
Geography	Ireland

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

BRE Ecopoints score: -1.15 Ecopoints

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

Signed for BRE Global Ltd.

Derek Hughes
Certification Schemes Manager

14 October 2014
Date of Issue

13 October 2017
Expiry Date



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bre

Appendix No: ENP503d

Issue: 1

SmartPly Europe Ltd

Belview
Slieverue
Waterford
Ireland

SmartPly T&G OSB/3 (600 kg/m³)

Cradle-to-gate for 1 tonne of product

Characterised Data

Issue	Value	Unit
Climate Change	-1120	kg CO ₂ eq (100 yr.)
Water Extraction	6.91	m ³
Mineral Resource Extraction	0.219	tonnes
Stratospheric Ozone Depletion	0.00069	kg CFC11 eq.
Human Toxicity	154	kg 1,4-DB eq.
Ecotoxicity to Freshwater	12.9	kg 1,4-DB eq.
Nuclear Waste (higher level)	0.000000249	m ³ high level waste
Ecotoxicity to Land	0.984	kg 1,4-DB eq.
Waste Disposal	13.2	kg
Fossil Fuel Depletion	9390	MJ
Eutrophication	0.526	kg PO ₄ eq.
Photochemical Ozone Creation	0.363	kg ethene eq.
Acidification	3.59	kg SO ₂ eq.

Normalised Data

Issue	Value	Western European Citizen's Annual Impacts
Climate Change	-0.0913	12300 kg CO ₂ eq (100 yr.)
Water Extraction	0.0183	378 m ³
Mineral Resource Extraction	0.00897	24.4 tonnes
Stratospheric Ozone Depletion	0.00318	0.217 kg CFC11 eq.
Human Toxicity	0.00777	19700 kg 1,4-DB eq.
Ecotoxicity to Freshwater	0.00982	1320 kg 1,4-DB eq.
Nuclear Waste (higher level)	0.0105	2.37 x 10 ⁻⁵ m ³ high level waste
Ecotoxicity to Land	0.008	123 kg 1,4-DB eq.
Waste Disposal	0.00353	3750 kg
Fossil Fuel Depletion	0.0344	273 GJ
Eutrophication	0.0162	32.5 kg PO ₄ eq.
Photochemical Ozone Creation	0.0168	21.5 kg ethene eq.
Acidification	0.0504	71.2 kg SO ₂ eq.

BRE Ecopoints score: -1.15 Ecopoints

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D. Hughes

Signed for BRE Global Ltd.

Derek Hughes

Certification Schemes Manager

14 October 2014

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