

Appendix to Certificate of Verification

Appendix Number: ENP503e Issue: 1

SmartPly Europe Ltd

Belview
Slieverue
Waterford
Ireland



Characterised and normalised data for 1 tonne of:

SmartPly SiteProtect (630 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: -0.752 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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Cradle-to-gate for 1 tonne of product

Characterised Data

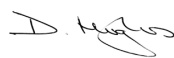
Issue	Value	Unit
Climate Change	-992	kg CO ₂ eq (100 yr.)
Water Extraction	8.45	m ³
Mineral Resource Extraction	0.26	tonnes
Stratospheric Ozone Depletion	0.000809	kg CFC11 eq.
Human Toxicity	166	kg 1,4-DB eq.
Ecotoxicity to Freshwater	16.4	kg 1,4-DB eq.
Nuclear Waste (higher level)	0.00000025	m ³ high level waste
Ecotoxicity to Land	1.45	kg 1,4-DB eq.
Waste Disposal	16	kg
Fossil Fuel Depletion	11200	MJ
Eutrophication	0.627	kg PO ₄ eq.
Photochemical Ozone Creation	0.424	kg ethene eq.
Acidification	4.24	kg SO ₂ eq.

Normalised Data

Issue	Value	Western European Citizen's Annual Impacts
Climate Change	-0.0807	12300 kg CO ₂ eq (100 yr.)
Water Extraction	0.0224	378 m ³
Mineral Resource Extraction	0.0107	24.4 tonnes
Stratospheric Ozone Depletion	0.00372	0.217 kg CFC11 eq.
Human Toxicity	0.0084	19700 kg 1,4-DB eq.
Ecotoxicity to Freshwater	0.0124	1320 kg 1,4-DB eq.
Nuclear Waste (higher level)	0.0106	2.37 x 10 ⁻⁵ m ³ high level waste
Ecotoxicity to Land	0.0118	123 kg 1,4-DB eq.
Waste Disposal	0.00426	3750 kg
Fossil Fuel Depletion	0.0409	273 GJ
Eutrophication	0.0193	32.5 kg PO ₄ eq.
Photochemical Ozone Creation	0.0197	21.5 kg ethene eq.
Acidification	0.0595	71.2 kg SO ₂ eq.

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