

## Appendix to Certificate of Verification

Appendix Number: ENP503c Issue: 1

SmartPly Europe Ltd

Belview  
Slieverue  
Waterford  
Ireland



Characterised and normalised data for 1 tonne of:

SmartPly OSB/3 (600 kg/m<sup>3</sup>)

### 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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Issue: 1

### SmartPly Europe Ltd

Belview  
Slieverue  
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### SmartPly OSB/3 (600 kg/m<sup>3</sup>)

Cradle-to-gate for 1 tonne of product

#### Characterised Data

Issue	Value	Unit
Climate Change	-1120	kg CO <sub>2</sub> eq (100 yr.)
Water Extraction	6.94	m <sup>3</sup>
Mineral Resource Extraction	0.219	tonnes
Stratospheric Ozone Depletion	0.000693	kg CFC11 eq.
Human Toxicity	154	kg 1,4-DB eq.
Ecotoxicity to Freshwater	13	kg 1,4-DB eq.
Nuclear Waste (higher level)	0.000000249	m <sup>3</sup> high level waste
Ecotoxicity to Land	0.989	kg 1,4-DB eq.
Waste Disposal	13.2	kg
Fossil Fuel Depletion	9480	MJ
Eutrophication	0.526	kg PO <sub>4</sub> eq.
Photochemical Ozone Creation	0.364	kg ethene eq.
Acidification	3.59	kg SO <sub>2</sub> eq.

#### Normalised Data

Issue	Value	Western European Citizen's Annual Impacts
Climate Change	-0.0914	12300 kg CO <sub>2</sub> eq (100 yr.)
Water Extraction	0.0184	378 m <sup>3</sup>
Mineral Resource Extraction	0.00896	24.4 tonnes
Stratospheric Ozone Depletion	0.00319	0.217 kg CFC11 eq.
Human Toxicity	0.00778	19700 kg 1,4-DB eq.
Ecotoxicity to Freshwater	0.00984	1320 kg 1,4-DB eq.
Nuclear Waste (higher level)	0.0105	2.37 x 10 <sup>-5</sup> m <sup>3</sup> high level waste
Ecotoxicity to Land	0.00805	123 kg 1,4-DB eq.
Waste Disposal	0.00352	3750 kg
Fossil Fuel Depletion	0.0348	273 GJ
Eutrophication	0.0162	32.5 kg PO <sub>4</sub> eq.
Photochemical Ozone Creation	0.0169	21.5 kg ethene eq.
Acidification	0.0504	71.2 kg SO <sub>2</sub> eq.

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