

## Appendix to Certificate of Verification

Appendix Number: ENP503a Issue: 1

SmartPly Europe Ltd

Belview  
Slieverue  
Waterford  
Ireland



Characterised and normalised data for 1 tonne of:

SmartPly OSB/2 (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: -0.706 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/2 (600 kg/m<sup>3</sup>)

Cradle-to-gate for 1 tonne of product

#### Characterised Data

Issue	Value	Unit
Climate Change	-1100	kg CO <sub>2</sub> eq (100 yr.)
Water Extraction	6.96	m <sup>3</sup>
Mineral Resource Extraction	0.192	tonnes
Stratospheric Ozone Depletion	0.000676	kg CFC11 eq.
Human Toxicity	577	kg 1,4-DB eq.
Ecotoxicity to Freshwater	30.3	kg 1,4-DB eq.
Nuclear Waste (higher level)	0.000000501	m <sup>3</sup> high level waste
Ecotoxicity to Land	0.95	kg 1,4-DB eq.
Waste Disposal	13.4	kg
Fossil Fuel Depletion	11000	MJ
Eutrophication	0.553	kg PO <sub>4</sub> eq.
Photochemical Ozone Creation	0.471	kg ethene eq.
Acidification	3.65	kg SO <sub>2</sub> eq.

#### Normalised Data

Issue	Value	Western European Citizen's Annual Impacts
Climate Change	-0.0893	12300 kg CO <sub>2</sub> eq (100 yr.)
Water Extraction	0.0184	378 m <sup>3</sup>
Mineral Resource Extraction	0.00788	24.4 tonnes
Stratospheric Ozone Depletion	0.00311	0.217 kg CFC11 eq.
Human Toxicity	0.0292	19700 kg 1,4-DB eq.
Ecotoxicity to Freshwater	0.023	1320 kg 1,4-DB eq.
Nuclear Waste (higher level)	0.0212	2.37 x 10 <sup>-5</sup> m <sup>3</sup> high level waste
Ecotoxicity to Land	0.00773	123 kg 1,4-DB eq.
Waste Disposal	0.00359	3750 kg
Fossil Fuel Depletion	0.0405	273 GJ
Eutrophication	0.017	32.5 kg PO <sub>4</sub> eq.
Photochemical Ozone Creation	0.0219	21.5 kg ethene eq.
Acidification	0.0513	71.2 kg SO <sub>2</sub> eq.

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