

## Appendix to Certificate of Approval

Appendix Number: ENP529b Issue: 1

BASF plc  
 19 Broad Ground Road  
 Redditch  
 B98 8YP



Characterised and normalised data for:

### Floor Finishes: Soft floor coverings

MasterTop 1324/1324R total weight 4.0 kg/m<sup>2</sup> (P617 primer 0.5 kg/m<sup>2</sup>, Sand 1.0 kg/m<sup>2</sup>, BC375N body coat 2.4 kg/m<sup>2</sup>, TC442W top coat 0.1 kg/m<sup>2</sup>)

1 m<sup>2</sup> over 60-year study period

### Quality of data for profiled material

Start date	01/01/2016
End Date	31/12/3016
Representativeness	2 sites representing 100% production
LCA Methodology	BRE Environmental Profiles Methodology 2008
Allocation	100% to product
Date of data entry	09/06/2017
Boundary	Cradle to Grave over 60-year study period
Applicable buildings	Office, Education, Health & Retail (replacement by durability)
Source of data	Company records
Geography	D/CH

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

### BRE Ecopoints score: 0.234 Ecopoints

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

Signed for BRE Global Ltd.

Emma Baker  
 Scheme Manager

25 July 2017  
 Date of Issue

24 July 2020  
 Expiry Date



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BRE Global Ltd., Garston, Watford WD25 9XX.  
 T: +44 (0)333 321 8811 E: [Enquiries@breglobal.com](mailto:Enquiries@breglobal.com)



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### BASF plc

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1 m<sup>2</sup> over 60-year study period

### Characterised Data

Issue	Value	Unit
Climate Change	45.6	kg CO <sub>2</sub> eq. (100 yr.)
Water Extraction	1.07	m <sup>3</sup>
Mineral Resource Extraction	0.017	tonnes
Stratospheric Ozone Depletion	0.0000473	kg CFC11 eq.
Human Toxicity	9.33	kg 1,4-DB eq.
Ecotoxicity to Freshwater	2.42	kg 1,4-DB eq.
Nuclear Waste (higher level)	0.000000116	m <sup>3</sup> high level waste
Ecotoxicity to Land	0.226	kg 1,4-DB eq.
Waste Disposal	10.5	kg
Fossil Fuel Depletion	819	MJ
Eutrophication	0.0496	kg PO <sub>4</sub> eq.
Photochemical Ozone Creation	0.0287	kg ethene eq.
Acidification	0.262	kg SO <sub>2</sub> eq.

### Normalised data

Issue	Value	Western European Citizen's Annual Impacts
Climate Change	0.00371	12300 kg CO <sub>2</sub> eq. (100 yr.)
Water Extraction	0.00284	378 m <sup>3</sup>
Mineral Resource Extraction	0.000697	24.4 tonnes
Stratospheric Ozone Depletion	0.000218	0.217 kg CFC11 eq.
Human Toxicity	0.000472	19700 kg 1,4-DB eq.
Ecotoxicity to Freshwater	0.00184	1320 kg 1,4-DB eq.
Nuclear Waste (higher level)	0.00491	2.37 x 10 <sup>-5</sup> m <sup>3</sup> high level waste
Ecotoxicity to Land	0.00184	123 kg 1,4-DB eq.
Waste Disposal	0.0028	3750 kg
Fossil Fuel Depletion	0.003	273 GJ
Eutrophication	0.00152	32.5 kg PO <sub>4</sub> eq.
Photochemical Ozone Creation	0.00133	21.5 kg ethene eq.
Acidification	0.00368	71.2 kg SO <sub>2</sub> eq.

**BRE Ecopoints score: 0.234 Ecopoints**

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