

Appendix to Certificate of Approval

Appendix Number: ENP529f Issue: 1

BASF plc
 19 Broad Ground Road
 Redditch
 B98 8YP



Characterised and normalised data for:

Floor Finishes: Soft floor coverings

MasterTop 1325/1325R total weight 4.62 kg/m² (P617 primer 0.5 kg/m², Sand 1.0 kg/m², BC325N body coat 3.0 kg/m², TC417W top coat 0.12 kg/m²)

1 m² over 60-year study period

Quality of data for profiled material

Start date	01/01/2016
End Date	31/12/2016
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: 0.312 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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Characterised Data

Issue	Value	Unit
Climate Change	60.5	kg CO ₂ eq. (100 yr.)
Water Extraction	1.45	m ³
Mineral Resource Extraction	0.0241	tonnes
Stratospheric Ozone Depletion	0.0000682	kg CFC11 eq.
Human Toxicity	36.6	kg 1,4-DB eq.
Ecotoxicity to Freshwater	3.5	kg 1,4-DB eq.
Nuclear Waste (higher level)	0.000000125	m ³ high level waste
Ecotoxicity to Land	0.315	kg 1,4-DB eq.
Waste Disposal	12.3	kg
Fossil Fuel Depletion	1100	MJ
Eutrophication	0.069	kg PO ₄ eq.
Photochemical Ozone Creation	0.0383	kg ethene eq.
Acidification	0.356	kg SO ₂ eq.

Normalised data

Issue	Value	Western European Citizen's Annual Impacts
Climate Change	0.00492	12300 kg CO ₂ eq. (100 yr.)
Water Extraction	0.00384	378 m ³
Mineral Resource Extraction	0.000987	24.4 tonnes
Stratospheric Ozone Depletion	0.000314	0.217 kg CFC11 eq.
Human Toxicity	0.00185	19700 kg 1,4-DB eq.
Ecotoxicity to Freshwater	0.00266	1320 kg 1,4-DB eq.
Nuclear Waste (higher level)	0.00528	2.37 x 10 ⁻⁵ m ³ high level waste
Ecotoxicity to Land	0.00256	123 kg 1,4-DB eq.
Waste Disposal	0.00328	3750 kg
Fossil Fuel Depletion	0.00402	273 GJ
Eutrophication	0.00212	32.5 kg PO ₄ eq.
Photochemical Ozone Creation	0.00178	21.5 kg ethene eq.
Acidification	0.005	71.2 kg SO ₂ eq.

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