

Appendix to Certificate of Approval

Appendix Number: ENP529c Issue: 1

BASF plc
 19 Broad Ground Road
 Redditch
 B98 8YP



Characterised and normalised data for:

Floor Finishes: Soft floor coverings

MasterTop 1324AS/1324ESD total weight 3.28 kg/m²
 (P617 primer 0.5 kg/m², P687WAS conductive primer
 0.1 kg/m², BC375NAS body coat 2.5 kg/m²,
 TC409WESD top coat 0.18 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	Domestic (Multi-Residential)
Source of data	Company records
Geography	D/CH

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

BRE Ecopoints score: 0.259 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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1 m² over 60-year study period

Characterised Data

Issue	Value	Unit
Climate Change	54	kg CO ₂ eq. (100 yr.)
Water Extraction	1.28	m ³
Mineral Resource Extraction	0.0195	tonnes
Stratospheric Ozone Depletion	0.0000609	kg CFC11 eq.
Human Toxicity	11	kg 1,4-DB eq.
Ecotoxicity to Freshwater	2.69	kg 1,4-DB eq.
Nuclear Waste (higher level)	0.000000109	m ³ high level waste
Ecotoxicity to Land	0.251	kg 1,4-DB eq.
Waste Disposal	9.42	kg
Fossil Fuel Depletion	956	MJ
Eutrophication	0.0608	kg PO ₄ eq.
Photochemical Ozone Creation	0.0333	kg ethene eq.
Acidification	0.325	kg SO ₂ eq.

Normalised data

Issue	Value	Western European Citizen's Annual Impacts
Climate Change	0.00439	12300 kg CO ₂ eq. (100 yr.)
Water Extraction	0.00338	378 m ³
Mineral Resource Extraction	0.000798	24.4 tonnes
Stratospheric Ozone Depletion	0.00028	0.217 kg CFC11 eq.
Human Toxicity	0.000556	19700 kg 1,4-DB eq.
Ecotoxicity to Freshwater	0.00204	1320 kg 1,4-DB eq.
Nuclear Waste (higher level)	0.00461	2.37 x 10 ⁻⁵ m ³ high level waste
Ecotoxicity to Land	0.00204	123 kg 1,4-DB eq.
Waste Disposal	0.00251	3750 kg
Fossil Fuel Depletion	0.00351	273 GJ
Eutrophication	0.00187	32.5 kg PO ₄ eq.
Photochemical Ozone Creation	0.00155	21.5 kg ethene eq.
Acidification	0.00457	71.2 kg SO ₂ eq.

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