



Certificate of Approval Environmental Profiles

Gerflor Tarare SAS

43 Boulevard Garibaldi
69170 Tarare
France

Has complied with the requirements identified in the

Scheme Document SD028

And is authorised to use the BRE Global Mark on publications related to the Environmental Profiles of the following products;

Gerflor Tarasafe PVC Safety Flooring Products
incorporating Tarasafe Standard, Uni, Geo, Elements, Ultra, Style,
Super, Plus and Ultra Comfort

See appendices a – f calculated to the 2008 BRE Environmental Profiles Methodology for further details

for and on behalf of BRE Global

A handwritten signature in blue ink, appearing to read "D. Hughes".

Derek Hughes



Certificate No: ENP 440

Issue Number: 1

Date of Issue: 26th Oct 2011



Approved Environmental Profile

Characterised and Normalised Data for:

1 square metre over 60 Year Study Period: Floor Finishes: Soft floor coverings:
Gerflor Tarare - Tarasafe PVC Safety Flooring- Tarasafe Standard

Quality of Data for Profiled Material (Data for other constituent materials are available from BRE Global)

Start Date: 01/01/2010 Source of Data: Company records
End Date: 31/12/2010 Geography: France
Representativeness: 1 site representing 100% production
LCA Methodology: BRE Environmental Profiles Methodology 2008
Allocation: 100% to product
Date of Data Entry: 05/08/2011
Boundary: Cradle to Grave over 60 Year Study Period
Applicable Buildings: Healthcare, Education

Issue	Characterised Data	Unit
Climate Change	53	kg CO2 eq. (100yr)
Water Extraction	0.79	m ³
Mineral Resource Extraction	0.01	tonnes
Stratospheric Ozone Depletion	0.00013	kg CFC11 eq.
Human Toxicity	17	kg 1,4-DB eq
Ecotoxicity to Freshwater	1.5	kg 1,4-DB eq
Nuclear Waste (higher level)	0.00000025	m ³ high level waste
Ecotoxicity to Land	0.18	kg 1,4-DB eq
Waste Disposal	14	kg
Fossil Fuel Depletion	1100	MJ
Eutrophication	0.024	kg PO4 eq.
Photochemical Ozone Creation	0.056	kg ethene eq.
Acidification	0.2	kg SO2 eq.

Issue	Normalised Data	Western European Citizen's Impacts
Climate Change	0.0043	12300 kg CO2 eq. (100yr)
Water Extraction	0.0021	378 m ³
Mineral Resource Extraction	0.00042	24.4 tonnes
Stratospheric Ozone Depletion	0.00059	0.217 kg CFC11 eq.
Human Toxicity	0.00086	19700 kg 1,4-DB eq.
Ecotoxicity to Freshwater	0.0011	1320 kg 1,4-DB eq.
Nuclear Waste (higher level)	0.011	2.37E-05 m ³ high level waste
Ecotoxicity to Land	0.0014	123 kg 1,4-DB eq.
Waste Disposal	0.0038	3750 kg
Fossil Fuel Depletion	0.0039	273 GJ
Eutrophication	0.00073	32.5 kg PO4 eq.
Photochemical Ozone Creation	0.0026	21.5 kg ethene eq.
Acidification	0.0028	71.2 kg SO2 eq.

BRE Ecopoints Score	0.29	Ecopoints
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Appendix No: 440 a

Issue No: 1

Valid From: 26/10/2011

Last Revised: 26/10/2011

Signed On Behalf of BRE Global:

D Hughes

BRE Global Ltd., Garston, Watford WD25 9XX. Tel 01923 664100 Fax 01923 664603 www.breglobal.com

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Approved Environmental Profile

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1 square metre over 60 Year Study Period: Floor Finishes: Soft floor coverings:
Gerflor Tarare - Tarasafe PVC Safety Flooring- Tarasafe Standard

Quality of Data for Profiled Material (Data for other constituent materials are available from BRE Global)

Start Date: 01/01/2010 Source of Data: Company records
End Date: 31/12/2010 Geography: France
Representativeness: 1 site representing 100% production
LCA Methodology: BRE Environmental Profiles Methodology 2008
Allocation: 100% to product
Date of Data Entry: 05/08/2011
Boundary: Cradle to Grave over 60 Year Study Period
Applicable Buildings: Retail (Replacement by Fashion)

Issue	Characterised Data	Unit
Climate Change	88	kg CO2 eq. (100yr)
Water Extraction	1.1	m ³
Mineral Resource Extraction	0.02	tonnes
Stratospheric Ozone Depletion	0.00025	kg CFC11 eq.
Human Toxicity	31	kg 1,4-DB eq
Ecotoxicity to Freshwater	2.7	kg 1,4-DB eq
Nuclear Waste (higher level)	0.00000043	m ³ high level waste
Ecotoxicity to Land	0.33	kg 1,4-DB eq
Waste Disposal	28	kg
Fossil Fuel Depletion	1800	MJ
Eutrophication	0.043	kg PO4 eq.
Photochemical Ozone Creation	0.11	kg ethene eq.
Acidification	0.34	kg SO2 eq.

Issue	Normalised Data	Western European Citizen's Impacts
Climate Change	0.0071	12300 kg CO2 eq. (100yr)
Water Extraction	0.003	378 m ³
Mineral Resource Extraction	0.00082	24.4 tonnes
Stratospheric Ozone Depletion	0.0011	0.217 kg CFC11 eq.
Human Toxicity	0.0016	19700 kg 1,4-DB eq.
Ecotoxicity to Freshwater	0.0021	1320 kg 1,4-DB eq.
Nuclear Waste (higher level)	0.018	2.37E-05 m ³ high level waste
Ecotoxicity to Land	0.0027	123 kg 1,4-DB eq.
Waste Disposal	0.0075	3750 kg
Fossil Fuel Depletion	0.0068	273 GJ
Eutrophication	0.0013	32.5 kg PO4 eq.
Photochemical Ozone Creation	0.0049	21.5 kg ethene eq.
Acidification	0.0047	71.2 kg SO2 eq.

BRE Ecopoints Score	0.49	Ecopoints
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Appendix No: 440 b

Issue No: 1

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Approved Environmental Profile

Characterised and Normalised Data for:

1 square metre over 60 Year Study Period: Floor Finishes: Soft floor coverings:
Gerflor Tarare - Tarasafe PVC Safety Flooring - Tarasafe Uni, Geo, Elements, Ultra,
Style, Super

Quality of Data for Profiled Material (Data for other constituent materials are available from BRE Global)

Start Date: 01/01/2010 Source of Data: Company records
End Date: 31/12/2010 Geography: France
Representativeness: 1 site representing 100% production
LCA Methodology: BRE Environmental Profiles Methodology 2008
Allocation: 100% to product
Date of Data Entry: 05/08/2011
Boundary: Cradle to Grave over 60 Year Study Period
Applicable Buildings: Healthcare, Education

Issue	Characterised Data	Unit
Climate Change	60	kg CO2 eq. (100yr)
Water Extraction	0.85	m ³
Mineral Resource Extraction	0.012	tonnes
Stratospheric Ozone Depletion	0.00016	kg CFC11 eq.
Human Toxicity	20	kg 1,4-DB eq
Ecotoxicity to Freshwater	1.7	kg 1,4-DB eq
Nuclear Waste (higher level)	0.00000027	m ³ high level waste
Ecotoxicity to Land	0.2	kg 1,4-DB eq
Waste Disposal	16	kg
Fossil Fuel Depletion	1200	MJ
Eutrophication	0.028	kg PO4 eq.
Photochemical Ozone Creation	0.067	kg ethene eq.
Acidification	0.23	kg SO2 eq.

Issue	Normalised Data	Western European Citizen's Impacts
Climate Change	0.0049	12300 kg CO2 eq. (100yr)
Water Extraction	0.0022	378 m ³
Mineral Resource Extraction	0.00049	24.4 tonnes
Stratospheric Ozone Depletion	0.00072	0.217 kg CFC11 eq.
Human Toxicity	0.001	19700 kg 1,4-DB eq.
Ecotoxicity to Freshwater	0.0013	1320 kg 1,4-DB eq.
Nuclear Waste (higher level)	0.011	2.37E-05 m ³ high level waste
Ecotoxicity to Land	0.0017	123 kg 1,4-DB eq.
Waste Disposal	0.0043	3750 kg
Fossil Fuel Depletion	0.0045	273 GJ
Eutrophication	0.00085	32.5 kg PO4 eq.
Photochemical Ozone Creation	0.0031	21.5 kg ethene eq.
Acidification	0.0032	71.2 kg SO2 eq.

BRE Ecopoints Score	0.32	Ecopoints
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Appendix No: 440 c

Issue No: 1

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Approved Environmental Profile

Characterised and Normalised Data for:

1 square metre over 60 Year Study Period: Floor Finishes: Soft floor coverings:
Gerflor Tarare - Tarasafe PVC Safety Flooring - Tarasafe Uni, Geo, Elements, Ultra,
Style, Super

Quality of Data for Profiled Material (Data for other constituent materials are available from BRE Global)

Start Date: 01/01/2010 Source of Data: Company records
End Date: 31/12/2010 Geography: France
Representativeness: 1 site representing 100% production
LCA Methodology: BRE Environmental Profiles Methodology 2008
Allocation: 100% to product
Date of Data Entry: 05/08/2011
Boundary: Cradle to Grave over 60 Year Study Period
Applicable Buildings: Retail (Replacement by Fashion)

Issue	Characterised Data	Unit
Climate Change	100	kg CO2 eq. (100yr)
Water Extraction	1.2	m ³
Mineral Resource Extraction	0.023	tonnes
Stratospheric Ozone Depletion	0.00031	kg CFC11 eq.
Human Toxicity	37	kg 1,4-DB eq
Ecotoxicity to Freshwater	3.1	kg 1,4-DB eq
Nuclear Waste (higher level)	0.00000046	m ³ high level waste
Ecotoxicity to Land	0.39	kg 1,4-DB eq
Waste Disposal	33	kg
Fossil Fuel Depletion	2200	MJ
Eutrophication	0.05	kg PO4 eq.
Photochemical Ozone Creation	0.13	kg ethene eq.
Acidification	0.39	kg SO2 eq.

Issue	Normalised Data	Western European Citizen's Impacts
Climate Change	0.0083	12300 kg CO2 eq. (100yr)
Water Extraction	0.0033	378 m ³
Mineral Resource Extraction	0.00096	24.4 tonnes
Stratospheric Ozone Depletion	0.0014	0.217 kg CFC11 eq.
Human Toxicity	0.0019	19700 kg 1,4-DB eq.
Ecotoxicity to Freshwater	0.0024	1320 kg 1,4-DB eq.
Nuclear Waste (higher level)	0.019	2.37E-05 m ³ high level waste
Ecotoxicity to Land	0.0031	123 kg 1,4-DB eq.
Waste Disposal	0.0087	3750 kg
Fossil Fuel Depletion	0.0081	273 GJ
Eutrophication	0.0015	32.5 kg PO4 eq.
Photochemical Ozone Creation	0.006	21.5 kg ethene eq.
Acidification	0.0055	71.2 kg SO2 eq.

BRE Ecopoints Score	0.56	Ecopoints
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Appendix No: 440 d

Issue No: 1

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Approved Environmental Profile

Characterised and Normalised Data for:

1 square metre over 60 Year Study Period: Floor Finishes: Soft floor coverings:
Gerflor Tarare - Tarasafe PVC Safety Flooring - Tarasafe Plus & Ultra CF

Quality of Data for Profiled Material (Data for other constituent materials are available from BRE Global)

Start Date: 01/01/2011 Source of Data: Company records
End Date: 31/12/2011 Geography: France
Representativeness: 1 site representing 100% production
LCA Methodology: BRE Environmental Profiles Methodology 2008
Allocation: 100% to product
Date of Data Entry: 05/08/2011
Boundary: Cradle to Grave over 60 Year Study Period
Applicable Buildings: Healthcare

Issue	Characterised Data	Unit
Climate Change	66	kg CO2 eq. (100yr)
Water Extraction	0.88	m ³
Mineral Resource Extraction	0.014	tonnes
Stratospheric Ozone Depletion	0.00018	kg CFC11 eq.
Human Toxicity	23	kg 1,4-DB eq
Ecotoxicity to Freshwater	1.9	kg 1,4-DB eq
Nuclear Waste (higher level)	0.00000028	m ³ high level waste
Ecotoxicity to Land	0.22	kg 1,4-DB eq
Waste Disposal	19	kg
Fossil Fuel Depletion	1400	MJ
Eutrophication	0.03	kg PO4 eq.
Photochemical Ozone Creation	0.078	kg ethene eq.
Acidification	0.25	kg SO2 eq.

Issue	Normalised Data	Western European Citizen's Impacts
Climate Change	0.0054	12300 kg CO2 eq. (100yr)
Water Extraction	0.0023	378 m ³
Mineral Resource Extraction	0.00058	24.4 tonnes
Stratospheric Ozone Depletion	0.00084	0.217 kg CFC11 eq.
Human Toxicity	0.0012	19700 kg 1,4-DB eq.
Ecotoxicity to Freshwater	0.0014	1320 kg 1,4-DB eq.
Nuclear Waste (higher level)	0.012	2.37E-05 m ³ high level waste
Ecotoxicity to Land	0.0018	123 kg 1,4-DB eq.
Waste Disposal	0.0051	3750 kg
Fossil Fuel Depletion	0.005	273 GJ
Eutrophication	0.00094	32.5 kg PO4 eq.
Photochemical Ozone Creation	0.0036	21.5 kg ethene eq.
Acidification	0.0035	71.2 kg SO2 eq.

BRE Ecopoints Score	0.35	Ecopoints
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Appendix No: 440 e

Issue No: 1

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1 square metre over 60 Year Study Period: Floor Finishes: Soft floor coverings:
Gerflor Tarare - Tarasafe PVC Safety Flooring - Tarasafe Plus & Ultra CF

Quality of Data for Profiled Material (Data for other constituent materials are available from BRE Global)

Start Date: 01/01/2011 Source of Data: Company records
End Date: 31/12/2011 Geography: France
Representativeness: 1 site representing 100% production
LCA Methodology: BRE Environmental Profiles Methodology 2008
Allocation: 100% to product
Date of Data Entry: 05/08/2011
Boundary: Cradle to Grave over 60 Year Study Period
Applicable Buildings: Retail (Replacement by Fashion)

Issue	Characterised Data	Unit
Climate Change	110	kg CO2 eq. (100yr)
Water Extraction	1.3	m ³
Mineral Resource Extraction	0.028	tonnes
Stratospheric Ozone Depletion	0.00036	kg CFC11 eq.
Human Toxicity	43	kg 1,4-DB eq
Ecotoxicity to Freshwater	3.5	kg 1,4-DB eq
Nuclear Waste (higher level)	0.00000049	m ³ high level waste
Ecotoxicity to Land	0.42	kg 1,4-DB eq
Waste Disposal	38	kg
Fossil Fuel Depletion	2500	MJ
Eutrophication	0.056	kg PO4 eq.
Photochemical Ozone Creation	0.15	kg ethene eq.
Acidification	0.43	kg SO2 eq.

Issue	Normalised Data	Western European Citizen's Impacts
Climate Change	0.0093	12300 kg CO2 eq. (100yr)
Water Extraction	0.0035	378 m ³
Mineral Resource Extraction	0.0011	24.4 tonnes
Stratospheric Ozone Depletion	0.0017	0.217 kg CFC11 eq.
Human Toxicity	0.0022	19700 kg 1,4-DB eq.
Ecotoxicity to Freshwater	0.0027	1320 kg 1,4-DB eq.
Nuclear Waste (higher level)	0.02	2.37E-05 m ³ high level waste
Ecotoxicity to Land	0.0034	123 kg 1,4-DB eq.
Waste Disposal	0.01	3750 kg
Fossil Fuel Depletion	0.0091	273 GJ
Eutrophication	0.0017	32.5 kg PO4 eq.
Photochemical Ozone Creation	0.007	21.5 kg ethene eq.
Acidification	0.006	71.2 kg SO2 eq.

BRE Ecopoints Score	0.62	Ecopoints
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Appendix No: 440 f

Issue No: 1

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