



Certificate of Approval

Environmental Profiles

Heckmondwike FB

PO Box 7, Wellington Mills, Liversedge,
West Yorkshire, WF15 7FH

Has complied with the requirements identified in the

Scheme Document 028

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

Fibre Bonded Sheet and Tile:

Supacord, Broadrib, Wellington Velour, Momentum and Montage

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

for and on behalf of BRE Global

Victoria Blake

Certificate No: ENP 363

Issue Number: 2

Date of Issue: 2nd March 2011



breglobal

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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: 1m2 Heckmondwike Fibre Bonded Sheet (Supacord, Broadrib, Wellington Velour and Momentum), ave pile weight 1074g/m2

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

Start Date:	01/01/2009	Source of Data:	Company production records
End Date:	31/12/2009	Geography:	UK
Representativeness:	1 site representing 100% production		
LCA Methodology:	2008 BRE Environmental Profiles Methodology		
Allocation:	100% to product		
Date of Data Entry:	18/01/2011		
Boundary:	Cradle to Grave over 60 Year Study Period		
Applicable Buildings:	Offices, Schools and Retail (replacement by durability)		

Issue	Characterised Data	Unit
Climate Change	69	kg CO2 eq. (100yr)
Water Extraction	0.72	m ³
Mineral Resource Extraction	0.0022	tonnes
Stratospheric Ozone Depletion	0.000035	kg CFC11 eq.
Human Toxicity	6.8	kg 1,4-DB eq
Ecotoxicity to Freshwater	0.91	kg 1,4-DB eq
Nuclear Waste (higher level)	0.00000014	m ³ high level waste
Ecotoxicity to Land	0.14	kg 1,4-DB eq
Waste Disposal	14	kg
Fossil Fuel Depletion	1200	MJ
Eutrophication	0.031	kg PO4 eq.
Photochemical Ozone Creation	0.038	kg ethene eq.
Acidification	0.45	kg SO2 eq.

Issue	Normalised Data	Western European Citizen's Impacts
Climate Change	0.0056	12300 kg CO2 eq. (100yr)
Water Extraction	0.0019	378 m ³
Mineral Resource Extraction	0.000088	24.4 tonnes
Stratospheric Ozone Depletion	0.00016	0.217 kg CFC11 eq.
Human Toxicity	0.00034	19700 kg 1,4-DB eq.
Ecotoxicity to Freshwater	0.00069	1320 kg 1,4-DB eq.
Nuclear Waste (higher level)	0.0061	2.37E-05 m ³ high level waste
Ecotoxicity to Land	0.0011	123 kg 1,4-DB eq.
Waste Disposal	0.0038	3750 kg
Fossil Fuel Depletion	0.0043	273 GJ
Eutrophication	0.00096	32.5 kg PO4 eq.
Photochemical Ozone Creation	0.0018	21.5 kg ethene eq.
Acidification	0.0063	71.2 kg SO2 eq.

BRE Ecopoints Score	0.26	Ecopoints
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Appendix No: 363 a
Issue No: 2

Valid From: 02/03/2011
Last Revised: 02/03/2011

Signed On Behalf of BRE Global:

V Blake

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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:
1m2 Heckmondwike Fibre Bonded Sheet (Supacord, Broadrib, Wellington Velour
and Momentum), ave pile weight 1074g/m2

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

Start Date:	01/01/2009	Source of Data:	Company production records
End Date:	31/12/2009	Geography:	UK
Representativeness:	1 site representing 100% production		
LCA Methodology:	2008 BRE Environmental Profiles Methodology		
Allocation:	100% to product		
Date of Data Entry:	18/01/2011		
Boundary:	Cradle to Grave over 60 Year Study Period		
Applicable Buildings:	Retail (replacement by fashion)		

Issue	Characterised Data	Unit
Climate Change	92	kg CO2 eq. (100yr)
Water Extraction	0.93	m ³
Mineral Resource Extraction	0.0028	tonnes
Stratospheric Ozone Depletion	0.000048	kg CFC11 eq.
Human Toxicity	8.8	kg 1,4-DB eq
Ecotoxicity to Freshwater	1.2	kg 1,4-DB eq
Nuclear Waste (higher level)	0.00000018	m ³ high level waste
Ecotoxicity to Land	0.19	kg 1,4-DB eq
Waste Disposal	20	kg
Fossil Fuel Depletion	1600	MJ
Eutrophication	0.042	kg PO4 eq.
Photochemical Ozone Creation	0.052	kg ethene eq.
Acidification	0.61	kg SO2 eq.

Issue	Normalised Data	Western European Citizen's Impacts
Climate Change	0.0075	12300 kg CO2 eq. (100yr)
Water Extraction	0.0025	378 m ³
Mineral Resource Extraction	0.00012	24.4 tonnes
Stratospheric Ozone Depletion	0.00022	0.217 kg CFC11 eq.
Human Toxicity	0.00044	19700 kg 1,4-DB eq.
Ecotoxicity to Freshwater	0.00091	1320 kg 1,4-DB eq.
Nuclear Waste (higher level)	0.0075	2.37E-05 m ³ high level waste
Ecotoxicity to Land	0.0015	123 kg 1,4-DB eq.
Waste Disposal	0.0052	3750 kg
Fossil Fuel Depletion	0.0057	273 GJ
Eutrophication	0.0013	32.5 kg PO4 eq.
Photochemical Ozone Creation	0.0024	21.5 kg ethene eq.
Acidification	0.0085	71.2 kg SO2 eq.

BRE Ecopoints Score	0.34	Ecopoints
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Appendix No: 363 b
Issue No: 2

Valid From: 02/03/2011
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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:
1m2 Heckmondwike Montage Fibre Bonded Sheet, PP, PA, MOD, 1075g/m2

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

Start Date: 01/01/2009 Source of Data: Company production records
End Date: 31/12/2009 Geography: UK
Representativeness: 1 site representing 100% production
LCA Methodology: 2008 BRE Environmental Profiles Methodology
Allocation: 100% to product
Date of Data Entry: 18/01/2011
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	1.5	m ³
Mineral Resource Extraction	0.0046	tonnes
Stratospheric Ozone Depletion	0.000053	kg CFC11 eq.
Human Toxicity	39	kg 1,4-DB eq
Ecotoxicity to Freshwater	1.4	kg 1,4-DB eq
Nuclear Waste (higher level)	0.00000019	m ³ high level waste
Ecotoxicity to Land	0.2	kg 1,4-DB eq
Waste Disposal	20	kg
Fossil Fuel Depletion	1700	MJ
Eutrophication	0.058	kg PO4 eq.
Photochemical Ozone Creation	0.057	kg ethene eq.
Acidification	0.64	kg SO2 eq.

Issue	Normalised Data	Western European Citizen's Impacts
Climate Change	0.0086	12300 kg CO2 eq. (100yr)
Water Extraction	0.0039	378 m ³
Mineral Resource Extraction	0.00019	24.4 tonnes
Stratospheric Ozone Depletion	0.00025	0.217 kg CFC11 eq.
Human Toxicity	0.002	19700 kg 1,4-DB eq.
Ecotoxicity to Freshwater	0.0011	1320 kg 1,4-DB eq.
Nuclear Waste (higher level)	0.0082	2.37E-05 m ³ high level waste
Ecotoxicity to Land	0.0017	123 kg 1,4-DB eq.
Waste Disposal	0.0054	3750 kg
Fossil Fuel Depletion	0.0061	273 GJ
Eutrophication	0.0018	32.5 kg PO4 eq.
Photochemical Ozone Creation	0.0026	21.5 kg ethene eq.
Acidification	0.0091	71.2 kg SO2 eq.

BRE Ecopoints Score	0.41	Ecopoints
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Appendix No: 363 d
Issue No: 2

Valid From: 02/03/2011
Last Revised: 02/03/2011

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Approved Environmental Profile

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1m2 Heckmondwike Montage Fibre Bonded Sheet, PP, PA, MOD, 1075g/m2

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

Start Date:	01/01/2009	Source of Data:	Company production records
End Date:	31/12/2009	Geography:	UK
Representativeness:	1 site representing 100% production		
LCA Methodology:	2008 BRE Environmental Profiles Methodology		
Allocation:	100% to product		
Date of Data Entry:	18/01/2011		
Boundary:	Cradle to Grave over 60 Year Study Period		
Applicable Buildings:	Offices, Schools and Retail (replacement by durability)		

Issue	Characterised Data	Unit
Climate Change	79	kg CO2 eq. (100yr)
Water Extraction	1.1	m ³
Mineral Resource Extraction	0.0034	tonnes
Stratospheric Ozone Depletion	0.000039	kg CFC11 eq.
Human Toxicity	28	kg 1,4-DB eq
Ecotoxicity to Freshwater	1.1	kg 1,4-DB eq
Nuclear Waste (higher level)	0.00000016	m ³ high level waste
Ecotoxicity to Land	0.15	kg 1,4-DB eq
Waste Disposal	15	kg
Fossil Fuel Depletion	1200	MJ
Eutrophication	0.043	kg PO4 eq.
Photochemical Ozone Creation	0.042	kg ethene eq.
Acidification	0.47	kg SO2 eq.

Issue	Normalised Data	Western European Citizen's Impacts
Climate Change	0.0064	12300 kg CO2 eq. (100yr)
Water Extraction	0.0029	378 m ³
Mineral Resource Extraction	0.00014	24.4 tonnes
Stratospheric Ozone Depletion	0.00018	0.217 kg CFC11 eq.
Human Toxicity	0.0014	19700 kg 1,4-DB eq.
Ecotoxicity to Freshwater	0.00082	1320 kg 1,4-DB eq.
Nuclear Waste (higher level)	0.0066	2.37E-05 m ³ high level waste
Ecotoxicity to Land	0.0012	123 kg 1,4-DB eq.
Waste Disposal	0.0039	3750 kg
Fossil Fuel Depletion	0.0045	273 GJ
Eutrophication	0.0013	32.5 kg PO4 eq.
Photochemical Ozone Creation	0.0019	21.5 kg ethene eq.
Acidification	0.0067	71.2 kg SO2 eq.

BRE Ecopoints Score	0.31	Ecopoints
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Appendix No: 363 c
Issue No: 2

Valid From: 02/03/2011
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