



# 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: 2<sup>nd</sup> 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 Tile (Supacord, Broadrib, Wellington Velour, Montage and Momentum), bitumen backed, ave weight 4074g/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	81	kg CO2 eq. (100yr)
Water Extraction	0.81	m <sup>3</sup>
Mineral Resource Extraction	0.02	tonnes
Stratospheric Ozone Depletion	0.000057	kg CFC11 eq.
Human Toxicity	13	kg 1,4-DB eq
Ecotoxicity to Freshwater	1.2	kg 1,4-DB eq
Nuclear Waste (higher level)	0.00000017	m <sup>3</sup> high level waste
Ecotoxicity to Land	0.16	kg 1,4-DB eq
Waste Disposal	35	kg
Fossil Fuel Depletion	1600	MJ
Eutrophication	0.038	kg PO4 eq.
Photochemical Ozone Creation	0.048	kg ethene eq.
Acidification	0.49	kg SO2 eq.

Issue	Normalised Data	Western European Citizen's Impacts
Climate Change	0.0066	12300 kg CO2 eq. (100yr)
Water Extraction	0.0021	378 m <sup>3</sup>
Mineral Resource Extraction	0.00082	24.4 tonnes
Stratospheric Ozone Depletion	0.00026	0.217 kg CFC11 eq.
Human Toxicity	0.00067	19700 kg 1,4-DB eq.
Ecotoxicity to Freshwater	0.00092	1320 kg 1,4-DB eq.
Nuclear Waste (higher level)	0.007	2.37E-05 m <sup>3</sup> high level waste
Ecotoxicity to Land	0.0013	123 kg 1,4-DB eq.
Waste Disposal	0.0093	3750 kg
Fossil Fuel Depletion	0.0057	273 GJ
Eutrophication	0.0012	32.5 kg PO4 eq.
Photochemical Ozone Creation	0.0022	21.5 kg ethene eq.
Acidification	0.0069	71.2 kg SO2 eq.

<b>BRE Ecopoints Score</b>	<b>0.36</b>	<b>Ecopoints</b>
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Appendix No: 363 e  
 Issue No: 2

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

Signed On Behalf of BRE Global: V. Blake V Blake

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 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	1.1	m <sup>3</sup>
Mineral Resource Extraction	0.028	tonnes
Stratospheric Ozone Depletion	0.000079	kg CFC11 eq.
Human Toxicity	18	kg 1,4-DB eq
Ecotoxicity to Freshwater	1.6	kg 1,4-DB eq
Nuclear Waste (higher level)	0.00000021	m <sup>3</sup> high level waste
Ecotoxicity to Land	0.22	kg 1,4-DB eq
Waste Disposal	49	kg
Fossil Fuel Depletion	2100	MJ
Eutrophication	0.052	kg PO4 eq.
Photochemical Ozone Creation	0.066	kg ethene eq.
Acidification	0.67	kg SO2 eq.

Issue	Normalised Data	Western European Citizen's Impacts
Climate Change	0.0089	12300 kg CO2 eq. (100yr)
Water Extraction	0.0028	378 m <sup>3</sup>
Mineral Resource Extraction	0.0011	24.4 tonnes
Stratospheric Ozone Depletion	0.00036	0.217 kg CFC11 eq.
Human Toxicity	0.00089	19700 kg 1,4-DB eq.
Ecotoxicity to Freshwater	0.0012	1320 kg 1,4-DB eq.
Nuclear Waste (higher level)	0.0087	2.37E-05 m <sup>3</sup> high level waste
Ecotoxicity to Land	0.0018	123 kg 1,4-DB eq.
Waste Disposal	0.013	3750 kg
Fossil Fuel Depletion	0.0077	273 GJ
Eutrophication	0.0016	32.5 kg PO4 eq.
Photochemical Ozone Creation	0.0031	21.5 kg ethene eq.
Acidification	0.0094	71.2 kg SO2 eq.

<b>BRE Ecopoints Score</b>	<b>0.47</b>	<b>Ecopoints</b>
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Appendix No: 363 f

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Signed On Behalf of BRE Global:

V Blake

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