



Approved Environmental Profile

Characterised and Normalised Data for:

1 square metre over 60 Year Study Period: Insulation: Insulation: Warmcel 500 recycled cellulose insulation (damp spray) with a density of 50 kg/m³

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

Start Date: 01/04/2007 Source of Data: company records
 End Date: 31/03/2008 Geography: UK
 Representativeness: 1 site representing 100% of warmcel product
 LCA Methodology: BRE Environmental Profiles Methodology 2008
 Allocation: 100% to product
 Date of Data Entry: 10/11/2008
 Boundary: Cradle to Grave over 60 Year Study Period
 Comments:

Issue	Characterised Data	Unit
Climate Change	-1.9	kg CO2 eq. (100yr)
Water Extraction	0.098	m ³
Mineral Resource Extraction	0.031	tonnes
Stratospheric Ozone Depletion	0.000005	kg CFC11 eq.
Human Toxicity	0.69	kg 1,4-DB eq
Ecotoxicity to Freshwater	0.054	kg 1,4-DB eq
Nuclear Waste (higher level)	8.4E-09	m ³ high level waste
Ecotoxicity to Land	0.0028	kg 1,4-DB eq
Waste Disposal	6.2	kg
Fossil Fuel Depletion	42	MJ
Eutrophication	0.0024	kg PO4 eq.
Photochemical Ozone Creation	0.0031	kg ethene eq.
Acidification	0.023	kg SO2 eq.

Issue	Normalised Data	Western European Citizen's Impacts
Climate Change	-0.00015	12300 kg CO2 eq. (100yr)
Water Extraction	0.00026	378 m ³
Mineral Resource Extraction	0.0013	24.4 tonnes
Stratospheric Ozone Depletion	0.000023	0.217 kg CFC11 eq.
Human Toxicity	0.000035	19700 kg 1,4-DB eq.
Ecotoxicity to Freshwater	0.000041	1320 kg 1,4-DB eq.
Nuclear Waste (higher level)	0.00035	2.37E-05 m ³ high level waste
Ecotoxicity to Land	0.000023	123 kg 1,4-DB eq.
Waste Disposal	0.0017	3750 kg
Fossil Fuel Depletion	0.00015	273 GJ
Eutrophication	0.000073	32.5 kg PO4 eq.
Photochemical Ozone Creation	0.00015	21.5 kg ethene eq.
Acidification	0.00033	71.2 kg SO2 eq.

BRE Ecopoints Score 0.03 **Ecopoints**

Appendix No: 278 a
 Issue No: 1

Valid From: 02/12/2008
 Last Revised: 02/12/2008

Signed On Behalf of BRE Global:  B Randall

BRE Global Ltd., Garston, Watford WD25 9XX. Tel 01923 664100 Fax 01923 664603 www.breglobal.com
 This certificate remains the property of BRE Global and is issued subject to terms and conditions and is maintained and held in force through annual review and verification.
 To check the authenticity of this certificate, please visit www.greenbooklive.com.