

Statement of Verification

BREG EN EPD No.: 000369 Issue 01

This is to verify that the

Environmental Product Declaration provided by:

W.E. Rawson Ltd

is in accordance with the requirements of:

EN 15804:2012+A1:2013

and

BRE Global Scheme Document SD207

This declaration is for:

Rawsons Fibre Bonded Recover Carpet Tile and Sheet Range

Company Address

Castle Bank Mills Portobello Road Wakefield WF1 5PS









Date of First Issue

Signed for BRE Global Ltd

17 November 2021

Emma Baker

Operator

17 November 2021

Date of this Issue

16 November 2026

Expiry Date



This Statement of Verification is issued subject to terms and conditions (for details visit www.greenbooklive.com/terms.

To check the validity of this statement of verification please, visit www.greenbooklive.com/check or contact us.

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Environmental Product Declaration

EPD Number: 000369

General Information

EPD Programme Operator	Applicable Product Category Rules					
BRE Global Watford, Herts WD25 9XX United Kingdom	BRE Environmental Profiles 2013 Product Category Rules for Type III environmental product declaration of construction products to EN 15804:2012+A1:2013					
Commissioner of LCA study	LCA consultant/Tool					
W.E. Rawson Ltd Castle Bank Mills, Portobello Road, Wakefield WF1 5PS	BRE LINA v2 Pat Hermon					
Functional Unit	Applicability/Coverage					
1 m ² of carpet weighing 2kg/m ² as installed over 60 year period	Product Average.					
EPD Type	Background database					
Cradle to Gate with Options	ecoinvent v3.2					
Demonstra	ation of Verification					
CEN standard EN 15	5804 serves as the core PCR ^a					
Independent verification of the declaration and data according to EN ISO 14025:2010 ☐ Internal ✓ External						
(Where appropriate ^b)Third party verifier: Nigel Jones						
a: Product category rules b: Optional for business-to-business communication; mandatory for business-to-consumer communication (see EN ISO 14025:2010, 9.4)						

Comparability

Environmental product declarations from different programmes may not be comparable if not compliant with EN 15804:2012+A1:2013. Comparability is further dependent on the specific product category rules, system boundaries and allocations, and background data sources. See Clause 5.3 of EN 15804:2012+A1:2013 for further guidance



Information modules covered

Product		Construction		Rel	Use stage Related to the building fabric				Related to the building				End-of-life		Related to		Benefits and loads beyond the system boundary
A 1	A2	А3	A4	A5	B1	B2	В3	B4	B5	В6	В7	C1	C2	C3	C4	D	
Raw materials supply	Transport	Manufacturing	Transport to site	Construction – Installation	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy use	Operational water use	Deconstruction demolition	Transport	Waste processing	Disposal	Reuse, Recovery and/or Recycling potential	
V	\square	V	\square	\square	\square	\square	\square	$\overline{\mathbf{A}}$	\square	\square	$\overline{\square}$	$\overline{\mathbf{Q}}$	$\overline{\mathbf{A}}$	\square	\square	\square	

Note: Ticks indicate the Information Modules declared.

Manufacturing site

W.E. Rawson Ltd Castle Bank Mills, Portobello Road, Wakefield WF1 5PS

Construction Product

Product Description

This single polymer robust backing for the tile provides a product to the market with potential recyclability back into PET, offering further life uses. Recover is available in sheet and tile. Both are manufactured using 80% recycled material. The standard swatch is available ex stock, with bespoke colours and designs also an option. The benefits include a lightweight box, easy cutting and high acoustic and thermal properties. This is an average EPD covering both backed tile and roll across a multitude of different colour and style options. The results are for the tile version which has backing and could cover a conservative estimate for unbacked sheets as backing would likely double the impacts. There is likely negligible difference in terms of environmental performance of the colour and pattern variations.

Technical Information

Product	Weight	Thickness	Dimensions
Recover Tile	2000g/m2	7.8mm	50cm x 50cm
Recover Sheet	1000g/m2	5.5mm	2 x 30m

For further details see technical sheets on www.rawsoncarpetsolutions.co.uk



Main Product Contents

Material/Chemical Input	%
Polyester fibres	20%
Recycled polyester backing	80%

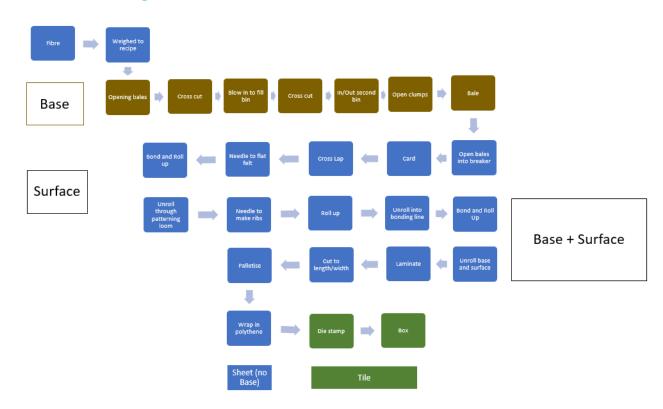
Average material composition of Rawsons Recover sheet and Tile products

Manufacturing Process

- 1) On Rawson Site:
- a. Surface:
 - i. The polyester fibres are blended and then the felt is produced by carding and needling.
 - ii. A further needling process generates the surface pattern.
 - iii. A thermal bonding process dimensionally stabilises the product without further addition of bonding agents
- b. Base:
 - i. The polyester fibres are blended and then the felt is produced
- c. Combination:
 - i. The two components are laminated together using heat.
 - ii. The edges are trimmed and the pieces cut to length either rolled up or slabbed.
 - iii. The product is packaged
 - 1.Rolls into polythene film
 - 2. Slabs onto a suitably sized pallet then wrapped in polythene film
 - i. Recover product only the polyester is used, in this case it is thermally bonded
- c. Tiling
- i. The product is distributed to the tiling subcontractor
- ii. The tile product is die cut to size from either roll or slab
- iii. The tiles are boxed, palletised, wrapped
- iv. The product is transported back to W E Rawson



Process flow diagram



Construction Installation

The sheet carpet is measured and cut to fit the size of the space on the floor. The new carpet is fitted on the floor with adhesive and left to dry naturally.

Use Information

- B1 No impacts have been attributed to the product in use.
- B2 Maintenance activities include a vacuum cleaner hoovering and occasional shampoo clean with unusual soiling. No repairs have been assumed.
- B3 No repair impacts have been attributed to this product over the life cycle.
- B4 Replacement. Although replacement is highly dependent on type of building installed to, traffic and in use conditions, a life expectancy of 10 years the carpet is assumed in line with WRAP and BRE IMPACT industry average values. Therefore the product is replaced 5 times over a 60 year building study period.
- B5 No refurbishment impacts have been attributed to this product over the life cycle.
- B6 No energy impacts have been attributed to this product over the life cycle.
- B7 No water impacts have been attributed to this product over the life cycle.



End of Life

Product is removed by hand from floor during demolition, transported offsite where it can be recycled into PET flake to make an array of alternative products like clothes, carpets, flooring, for moulding polyester products. 100% scenarios have been provided for both recycling and landfill scenarios.

Life Cycle Assessment Calculation Rules

Functional unit description

1 m² of carpet weighing 2kg as installed for a period of 60 years.

System boundary

This is a cradle to gate with options EPD, reporting all production, use and end of life stages modules A1 to D inclusive in accordance with EN 15804:2012+A1:2013.

Data sources, quality and allocation

Data collected by Rawson for the production of Rawson Recover sheet and tile carpets at the Wakefield site for the period 1st January 2019 to 31st December 2019 has been used for this EPD.

The Wakefield site produces other products. Site wide values for energy, water and wastewater have therefore been allocated on a mass basis.

Figures for the raw materials, ancillary materials and packaging were from actual usages. Allocation of energy, water, and waste has been done according to the provisions of the BRE PCR PN514 and EN 15804. Secondary data have been drawn from the BRE LINA database v2.0.79 and the background LCI datasets are based on ecoinvent v3.2 (2015).

Quality Level	Geographical representativeness	Technical representativeness	Time representativeness
Very Good	Data from area under study	Data from processes and products under study. Same state of technology applied as defined in goal and scope (i.e. identical technology)	n/a
Fair	n/a	n/a	Less than 10 years of difference between the reference year according to the documentation, and the time period for which data are representative

Cut-off criteria

All inputs or outputs have been included and all raw materials, packaging, transport, energy, water use and wastes, are included, except for direct emissions to air, water and soil, which are not measured. Upstream extraction and/or processing of inputs are included within the use of the background datasets within LINA.



LCA Results

(MND = module not declared; MNR = module not relevant; INA = indicator not assessed; AGG = aggregated)

Parameters	describing	env	ironment	al impact	S				
			GWP	ODP	AP	EP	POCP	ADPE	ADPF
			kg CO ₂ equiv.	kg CFC 11 equiv.	kg SO ₂ equiv.	kg (PO ₄) ³⁻ equiv.	kg C ₂ H ₄ equiv.	kg Sb equiv.	MJ, net calorific value.
	Raw material supply	A1	1.49E+00	8.63E-08	6.84E-03	2.38E-03	1.01E-03	1.45E-05	3.54E+01
Draduot atoma	Transport	A2	4.95E-01	8.81E-08	4.41E-03	9.70E-04	3.91E-04	9.94E-07	7.37E+00
Product stage	Manufacturing	А3	3.79E+00	2.95E-07	2.20E-02	6.05E-03	1.74E-03	1.99E-05	6.47E+01
	Total (of product stage)	A1- 3	5.78E+00	4.69E-07	3.33E-02	9.40E-03	3.14E-03	3.54E-05	1.07E+02
Construction	Transport	A4	1.03E-01	1.90E-08	3.44E-04	9.09E-05	6.01E-05	2.71E-07	1.56E+00
process stage	Construction	A5	5.06E+00	1.77E-07	6.81E-03	2.72E-01	1.72E-03	4.60E-06	2.35E+01
	Use	B1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Maintenance	B2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Repair	В3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Use stage	Replacement	B4	5.52E+01	3.41E-06	2.15E-01	1.41E+00	2.53E-02	2.01E-04	6.70E+02
	Refurbishment	B5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Operational energy use	В6	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Operational water use	B7	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
End of life	Deconstruction, demolition	C1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2114 01 1110	Transport	C2	4.78E-01	8.92E-08	2.12E-03	5.56E-04	3.51E-04	1.20E-06	7.35E+00
100% Landfill									
End of life	Waste processing	СЗ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
End of me	Disposal	C4	1.76E-01	5.59E-09	1.62E-04	1.47E-02	5.37E-05	3.12E-08	5.11E-01
Potential benefits and loads beyond the system boundaries	Reuse, recovery, recycling potential	D	1.49E+00	8.63E-08	6.84E-03	2.38E-03	1.01E-03	1.45E-05	3.54E+01
100% Recove	ered								
End of life	Waste processing	СЗ	3.40E+00	2.20E-07	1.84E-02	4.24E-03	1.05E-03	4.14E-06	5.23E+01
2.13 01 1110	Disposal	C4	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Potential benefits and loads beyond the system boundaries	Reuse, recovery, recycling potential	D	- 1.49E+00	-8.63E- 08	-6.84E-03	-2.38E-03	-1.01E-03	-1.45E-05	- 3.54E+01

GWP = Global Warming Potential; ODP = Ozone Depletion Potential;

AP = Acidification Potential for Soil and Water;

EP = Eutrophication Potential;

POCP = Formation potential of tropospheric Ozone; ADPE = Abiotic Depletion Potential – Elements; ADPF = Abiotic Depletion Potential – Fossil Fuels;



Parameters describit	ng resource u	se, pr						
			PERE	PERM	PERT	PENRE	PENRM	PENRT
			MJ	MJ	MJ	MJ	MJ	MJ
	Raw material supply	A1	1.39E+00	1.56E-05	1.39E+00	Agg	Agg	Agg
Draduct store	Transport	A2	1.24E-01	3.22E-07	1.24E-01	Agg	Agg	Agg
Product stage	Manufacturing	А3	1.31E+01	1.06E-04	1.31E+01	Agg	Agg	Agg
	Total (of product stage)	A1-3	1.46E+01	1.22E-04	1.46E+01	1.12E+02	1.57E+01	1.28E+02
Construction process stage	Transport	A4	2.07E-02	7.69E-08	2.07E-02	1.55E+00	0.00E+00	1.55E+00
	Construction	A5	2.23E+00	1.22E-05	2.23E+00	2.54E+01	0.00E+00	2.54E+01
	Use	B1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Maintenance	B2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Repair	В3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Use stage	Replacement	B4	8.46E+01	6.71E-04	8.46E+01	7.84E+02	0.00E+00	7.84E+02
Use stage	Refurbishment	B5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Operational energy use	B6	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Operational water use	B7	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
End of life	Deconstruction, demolition	C1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Transport	C2	1.05E-01	3.54E-07	1.05E-01	7.30E+00	0.00E+00	7.30E+00
100% Landfill								
End of life	Waste processing	C3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Liid of life	Disposal	C4	1.86E-02	4.87E-08	1.86E-02	5.27E-01	0.00E+00	5.27E-01
Potential benefits and loads beyond the system boundaries	Reuse, recovery, recycling potential Landfill	D	1.39E+00	1.56E-05	1.39E+00	3.70E+01	0.00E+00	3.70E+01
100% Recovered								
	Waste processing	С3	4.53E+00	8.43E-06	4.53E+00	6.97E+01	0.00E+00	6.97E+01
End of life	Disposal	C4	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Potential benefits and loads beyond the system boundaries	Reuse, recovery, recycling potential Landfill	D	- 1.39E+00	-1.56E- 05	- 1.39E+00	- 3.70E+01	0.00E+00	- 3.70E+01

PERE = Use of renewable primary energy excluding renewable primary energy used as raw materials; PERM = Use of renewable primary energy resources used as raw

materials;

PERT = Total use of renewable primary energy resources;

PENRE = Use of non-renewable primary energy excluding nonrenewable primary energy resources used as raw materials; PENRM = Use of non-renewable primary energy resources used as raw materials;

PENRT = Total use of non-renewable primary energy resource



Parameters describing resource use	, secondary materials and fuel	s, use o	f water			
			SM	RSF	NRSF	FW
			kg	MJ net calorific value	MJ net calorific value	m ³
	Raw material supply	A1	1.60E+00	0.00E+00	0.00E+00	4.76E-02
Product stage	Transport	A2	0.00E+00	0.00E+00	0.00E+00	1.68E-03
	Manufacturing	А3	0.00E+00	0.00E+00	0.00E+00	3.41E-02
	Total (of product stage)	A1- 3	1.60E+00	0.00E+00	0.00E+00	8.34E-02
Construction process store	Transport	A4	0.00E+00	0.00E+00	0.00E+00	3.37E-04
Construction process stage	Construction	A5	1.28E-01	0.00E+00	0.00E+00	2.97E-02
	Use	B1	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Maintenance	B2	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Repair	В3	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Use stage	Replacement	B4	8.64E+00	0.00E+00	0.00E+00	5.69E-01
	Refurbishment	B5	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Operational energy use	B6	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Operational water use	B7	0.00E+00	0.00E+00	0.00E+00	0.00E+00
End of Pro	Deconstruction, demolition	C1	0.00E+00	0.00E+00	0.00E+00	0.00E+00
End of life	Transport	C2	0.00E+00	0.00E+00	0.00E+00	1.66E-03
100% Landfill	·				-	
End of life	Waste processing	C3	0.00E+00	0.00E+00	0.00E+00	0.00E+00
End of file	Disposal	C4	0.00E+00	0.00E+00	0.00E+00	5.85E-04
Potential benefits and loads beyond the system boundaries	Reuse, recovery, recycling potential Landfill	D	1.60E+00	0.00E+00	0.00E+00	4.76E-02
100% Recovered						
End of life	Waste processing	C3	0.00E+00	0.00E+00	0.00E+00	3.56E-02
End of life	Disposal	C4	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Potential benefits and loads beyond the system boundaries	Reuse, recovery, recycling potential Landfill	D	- 1.60E+00	0.00E+00	0.00E+00	-4.76E- 02

SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non-renewable secondary fuels; FW = Net use of fresh water



Other environmental information of	describing waste categor	ies			
			HWD	NHWD	RWD
			kg	kg	kg
	Raw material supply	A1	3.03E-02	1.49E-01	7.06E-05
Drawlant atoms	Transport	A2	3.22E-03	2.54E-01	5.06E-05
Product stage	Manufacturing	A3	3.21E-02	1.60E-01	4.29E-04
	Total (of product stage)	A1-3	6.56E-02	5.63E-01	5.50E-04
Construction process stage	Transport	A4	6.52E-04	7.25E-02	1.07E-05
Construction process stage	Construction	A5	1.73E-02	4.02E+01	1.21E-04
	Use	B1	0.00E+00	0.00E+00	0.00E+00
Use stage	Maintenance	B2	0.00E+00	0.00E+00	0.00E+00
	Repair	B3	0.00E+00	0.00E+00	0.00E+00
	Replacement	B4	4.21E-01	2.04E+02	3.46E-03
	Refurbishment	B5	0.00E+00	0.00E+00	0.00E+00
	Operational energy use	B6	0.00E+00	0.00E+00	0.00E+00
	Operational water use	B7	0.00E+00	0.00E+00	0.00E+00
End of life	Deconstruction, demolition	C1	0.00E+00	0.00E+00	0.00E+00
Liid oi ille	Transport	C2	3.10E-03	4.45E-01	5.06E-05
100% Landfill					
End of life	Waste processing	C3	0.00E+00	0.00E+00	0.00E+00
Lind of line	Disposal	C4	3.93E-04	2.00E+00	3.34E-06
Potential benefits and loads beyond the system boundaries	Reuse, recovery, recycling potential Landfill	D	3.03E-02	1.49E-01	7.06E-05
100% Recovered					
End of life	Waste processing	C3	8.18E-03	8.54E-02	3.84E-04
Eria oi ille	Disposal	C4	0.00E+00	0.00E+00	0.00E+00
Potential benefits and loads beyond the system boundaries	Reuse, recovery, recycling potential Landfill	D	-3.03E-02	-1.49E-01	-7.06E-05

HWD = Hazardous waste disposed; NHWD = Non-hazardous waste disposed; RWD = Radioactive waste disposed



Other environmental information describing output flows – at end of life							
			CRU	MFR	MER	EE	
			kg	kg	kg	MJ per energy carrier	
	Raw material supply	A1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Product stage	Transport	A2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Froduct stage	Manufacturing	А3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
	Total (of product stage)	A1-3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
	Transport	A4	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Construction process stage	Construction	A5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
	Use	B1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
	Maintenance	B2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
	Repair	В3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Use stage	Replacement	B4	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
	Refurbishment	B5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
	Operational energy use	B6	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
	Operational water use	B7	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
End of life	Deconstruction, demolition	C1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Liid oi ille	Transport	C2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
100% Landfill							
End of life	Waste processing	C3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
End of inc	Disposal	C4	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Potential benefits and loads beyond the system boundaries	Reuse, recovery, recycling potential Landfill	D	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
100% Recovered							
End of life	Waste processing	СЗ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Elia di ille	Disposal	C4	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Potential benefits and loads beyond the system boundaries	Reuse, recovery, recycling potential Landfill	D	0.00E+02	2.50E+00	0.00E+00	0.00E+00	

CRU = Components for reuse; MFR = Materials for recycling MER = Materials for energy recovery; EE = Exported Energy



Scenarios and additional technical information

Scenario	Parameter	Units	Results						
	Carpets are delivered anywhere from Rawsons or subcontractor to construction sites in the UK. A weighted average distance has been derived.								
A4 – Transport to the	Distance Lorry diesel 16-32 ton Euro 5	km	308						
building site	Capacity Utilisation	%	65						
	Bulk density of transported products	kg/m ³	0.0156						
A5 – Installation in	The sheet carpet is measured and cut to fit the size of the s removed (if applicable), and the new carpet is fit on the floo naturally.	pace on the floor. T r with adhesive and	he old carpet is left to dry						
the building	Installation Wastage (8%)	m2	20						
	Adhesive	kg	0.1						
B1 - Use	Carpets do not report any emissions to air during use.								
	Vacuum cleaning and shampoo clean only with unusual soiling.								
	Frequency	Cycles per year	100						
B2 – Maintenance	Shampoo detergent	Kg/cycle/m ² carpet	0.008						
	Vacuum cleaner electricity consumption kWh/cycle/		0.00667						
	Tap water for shampooing	M3/cycle/m ²	0.00005						
B3 – Repair	No repair expected during life cycle of the product								
P4 Popleoment	Replacement of carpets assumed every 10 years (BRE IMF	PACT)							
B4 – Replacement	Number of replacements over life cycle	#	5						
B5 – Refurbishment	No refurbishment expected over life cycle								
Reference service life	10 years reference service life								
B6 – Use of energy; B7 – Use of water	No energy or water consumption associated with this produ	ct							
	Carpets are deconstructed by hand with no ancillary materi Material can be fully recycled by processing into PET flakes as clothing, carpets, flooring and polyester moulding.								
C1 to C4	Transport weighted average distance by road UK/USA	km	1810						
End of life,	Electricity required for cleaning and processing into PET flakes	kWh	5.6436						
	Water required for cleaning and processing into PET flakes	m ³	0.021448						



Scenarios and additional technical information								
Scenario	Parameter	Parameter Units Results						
Module D Product is 100% recyclable, 100% scenarios provided for landfill and recycling.								

References

BSI. Sustainability of construction works – Environmental product declarations – Core rules for the product category of construction products. BS EN 15804:2012+A1:2013. London, BSI, 2013.

BSI. Environmental labels and declarations – Type III Environmental declarations – Principles and procedures. BS EN ISO 14025:2010 (exactly identical to ISO 14025:2006). London, BSI, 2010.

BSI. Environmental management – Life cycle assessment – Principles and framework. BS EN ISO 14040:2006. London, BSI, 2006.

BSI. Environmental management – Life cycle assessment – requirements and guidelines. BS EN ISO 14044:2006. London, BSI, 2006.