



# Maximising BREEAM Credits with Polyflor



# What is BREEAM?

This document is intended to clarify exactly how and where the use of Polyflor materials can contribute towards BREEAM credits.

Building Research Establishment's Environmental Assessment Method (BREEAM) is the longest standing and most widely used environmental assessment method for buildings in the UK and increasing its brand recognition globally.

Credits are awarded according to performance in 10 different categories for measuring sustainability: Management; Health & Wellbeing; Energy; Transport; Water; Materials; Waste; Land Use & Ecology; Pollution; Innovation (extra). They are then added together to produce an overall score for the building on a scale of: Pass; Good; Very Good; Excellent; Outstanding.

Polyflor products can contribute to the award of BREEAM credits within the following categories - **Materials, Waste and Health & Wellbeing.**



For further information please refer to [www.polyflor.com](http://www.polyflor.com) or contact Customer Technical Services Department on **0161 767 1111**

# BRE Individually Assessed Ratings

SAFETY	Cert.	Health	Education	Retail (fashion)	Retail (Durability)	Office	Domestic
Polysafe Astral PUR	ENP472	A+	A+	A+	A+	A	A
Polysafe Mosaic PUR	ENP472	A+	A+	A+	A+	A	A
Polysafe Corona PUR	ENP472	A+	A+	A+	A+	A	A
Polysafe Vogue Ultra PUR	ENP472	A+	A+	A+	A+	A	A
Polysafe Standard PUR	ENP472	A+	A+	A+	A+	A	A
Polysafe Wood fx PUR	ENP415	A+	A+	A+	A	B	B
Polysafe Wood fx Acoustix PUR	ENP415	A+	A+	A+	A	B	B
Polysafe Hydro	ENP472	A+	A+	A+	A+	A	A
Polysafe Ultima	ENP472	A+	A+	A+	A+	A	A
HOMOGENEOUS	Cert.	Health	Education	Retail (fashion)	Retail (Durability)	Office	Domestic
Pearlazzo PUR	ENP472	A+	A+	A+	A+	A	A
2000 PUR	ENP472	A+	A+	A+	A+	A	A
Classic Mystique PUR	ENP472	A+	A+	A+	A+	A	A
Mystique PUR	ENP472	A+	A+	A+	A+	A	A
Prestige PUR	ENP472	A+	A+	A+	A+	A	A
Standard XL	ENP472	A+	A+	A+	A+	A	A
XL PU	ENP472	A+	A+	A+	A+	A	A
HETEROGENEOUS	Cert.	Health	Education	Retail (fashion)	Retail (Durability)	Office	Domestic
Harmony fx PUR	ENP415	A+	A+	A+	A+	A	A
Forest fx PUR	ENP415	A+	A+	A+	A+	A	A
Mineral fx PUR	ENP415	A+	A+	A+	A+	A	A
Acoustix Harmony fx PUR	ENP415	A+	A+	A+	A	A	B
Acoustix Forest fx PUR	ENP415	A+	A+	A+	A	A	B
Acoustix Gallery fx PUR	ENP415	A+	A+	A+	A+	A	A
LVT	Cert.	Health	Education	Retail (fashion)	Retail (Durability)	Office	Domestic
Expona Design PUR	ENP429	A+	A+	A+	A	B	B
Expona Commercial PUR	ENP429	A+	A+	A+	A+	A	B
Bevel Line PUR	ENP429	A+	A+	A+	A	A	A
Camaro PUR	ENP429	*	*	A+	*	A	A
Colonia PUR	ENP429	*	*	*	*	*	A

\* Product not suitable for use area and has therefore not been rated for the particular use area.

# BRE Generic Ratings

Standard	Homogeneous EN 649 EN ISO 10581	Heterogeneous EN 649 EN ISO 10582	Acoustic EN 651	LVT EN 649	Safety EN 13845	Rubber (Smooth) EN 1817	Rubber (Profiled) EN 12199	LVS EN 653
Health	A+	A+	A+	A+	A+	A+	A+	-
Element	821570038	821570039	821570053	821570054	821570055	821570056	821570057	-
Education	A+	A+	A+	A+	A+	A+	A+	-
Element	821570065	821570066	821570010	821570013	921570010	821570014	821570015	-
Commercial	A	A	A	A	A	A	A	-
Element	821570038	821570039	821570041	821570042	821570043	821570044	821570045	-
Retail	A+/A+	A+/A+	A+/A	A+/A	A+/A	A+/A+	A+/A+	-
Element	821570038	821570039	821570053	821570054	821570055	821570056	821570057	-
Domestic	A	A	A	A	B	A	A	A
Element	821570065	821570066	821570010	821570013	921570010	821570014	821570015	821570002

For more detail about how these ratings are arrived at by BRE Global visit [www.bre.co.uk/greenguide](http://www.bre.co.uk/greenguide)

Polyflor ranges not individually assessed by BRE Global can be included within the appropriate generic ratings, shown here:

Safety	Homogeneous	Rubber (smooth)	Rubber (profiled)	LVT	LVS
Modena PUR	Polyflor SD	Diamant	Noppe Stud Tile	SimpLay	Secura
Hydro Evolve	Finesse SD			Camaro Loc PU	
Ecomax	Finesse EC				
Arena PUR	Polyflor EC				
Expona Control PUR	Polyflor ROF				
Verona PUR	Polyflex Plus PU				
Apex					

# Materials

The Materials section makes up 12.5% of the overall scoring, offering 12 credits in total.

## MAT 01: Life Cycle Impact

### Aim:

To recognise and encourage the use of construction materials with a low environmental impact (including embodied carbon) over the full life cycle of the building.

### 3 points: Using BRE A+ rated product

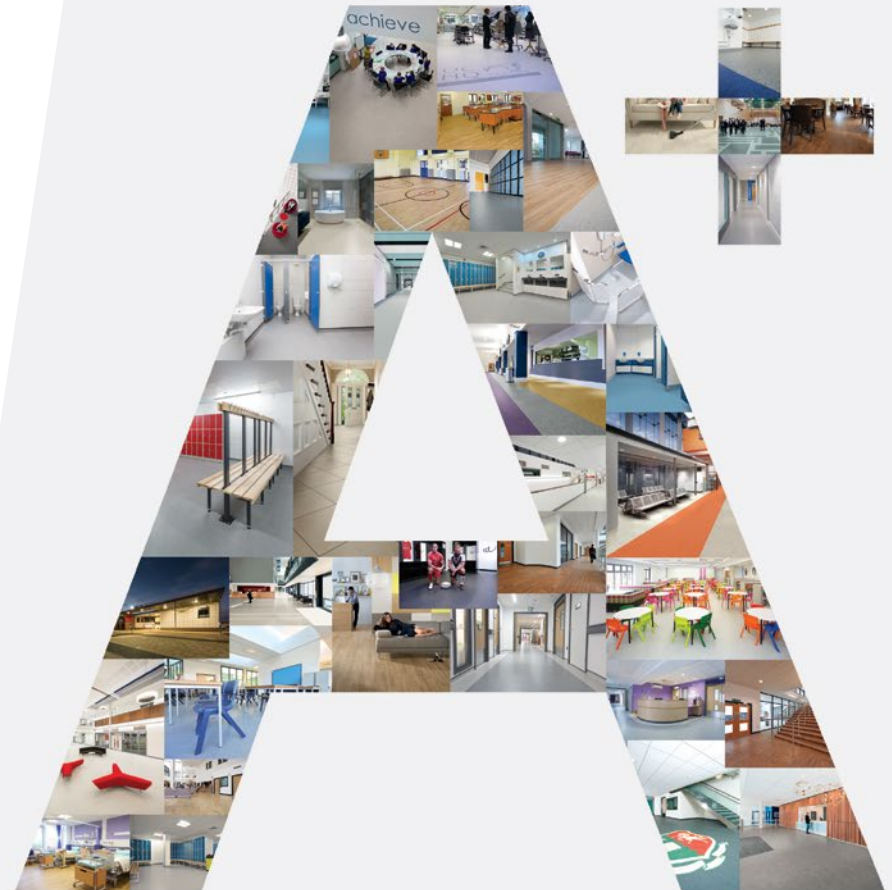
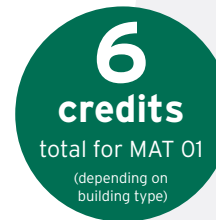
Polyflor can contribute towards a maximum 3 points for floor finishes when one of our A+ rated products is used. Note: 2 points are available for A rated product and 1 point for B rated product.

### 1 point: Bonus 'uplift' point

This can be awarded for the use of one of our ranges where a product specific BRE environmental profile or 3rd party verified EN 15804 compliant EPD is available.

Points awarded for each material type are then added up and weighted to award total credits for this section of the project.

**Polyflor products can contribute to the maximum available material points in the MAT 01 section for floor coverings.**





# Materials

**3**  
**credits**  
total for  
MAT 03

## MAT 03: Responsible Sourcing for Materials

### Aim:

To recognise and encourage the specification of responsibly sourced materials for key building elements. 80% by mass of materials that make up elements must be responsibly sourced.

### 3 points: BES 6001 'very good'

Polyflor can contribute 3 points for the use of ranges that are manufactured at sites which have been awarded BES 6001 'very good'.

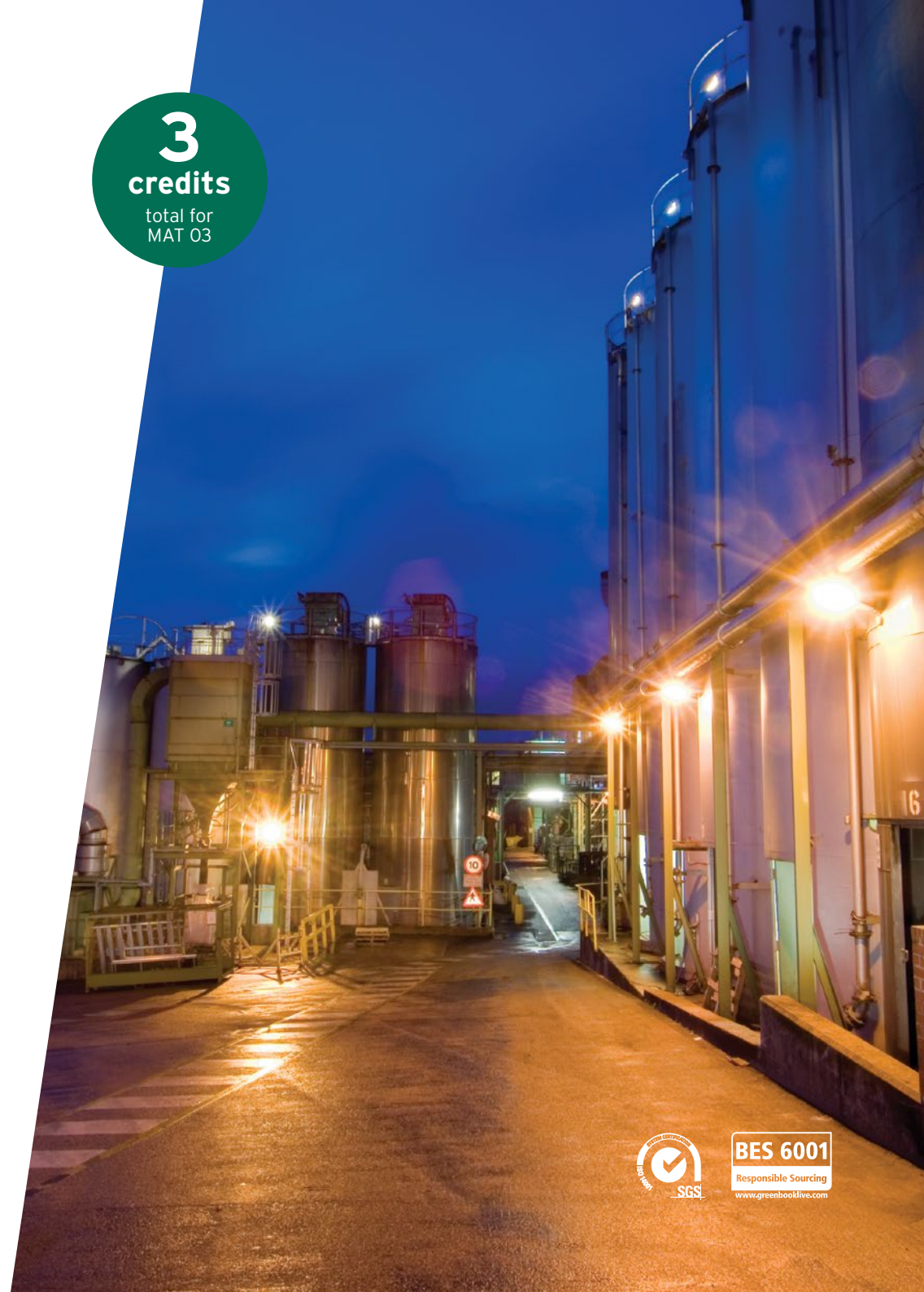
### 1 point: EMS certified

Polyflor can also contribute 1 additional point for having ISO 14001 environmental management system certification.

Use of Polyflor ranges manufactured at sites which have been awarded BES 6001 'Very Good' and have ISO 14001 contribute 4 of a maximum of 5 points (80% of available points) towards the award of 3 credits in MAT 03. Floor finishes are considered with all other fittings such as windows and doors on a mass basis for the fittings part of the credit.

The data from the whole building is then weighted and buildings achieving greater than 54% of the available points are awarded a maximum of 3 credits.

**Use of Polyflor ranges can significantly contribute to credits in MAT 03.**



# Waste

The Waste section makes up 7.5% of the overall scoring, offering 7 credits in total. Polyflor can contribute to the credits available to flooring for WST 01 and will contribute towards a maximum score for 'diversion of resources from landfill'.

## WST 01: Construction Waste Management

### Aim:

To promote resource efficiency via the effective management and reduction of construction waste.

### 1 credit: Diversion of Resources from Landfill

Use the Recofloor take-back scheme in conjunction with a site waste management plan (SWMP) to remove waste vinyl flooring from the construction project. This can contribute towards the available credit on a BREEAM assessment.

### Exemplary Level Credit

Available where demolition and non demolition waste is kept to under challenging volumes/tonnages (85% by volume and 95% by weight) and diverted from landfill. Use of the Recofloor scheme can help achieve this for flooring demolition waste and non demolition waste, as the material is taken back and recycled.

Use of Polyflor materials and the Recofloor Scheme demonstrates diversion from landfill, potentially contributing towards 1 credit for diversion of resources from landfill and 1 exemplary level credit.

**4**  
**credits**  
total for WST 01  
+ 1 Exemplary  
Level Credit

# Health & Wellbeing

The Health & Wellbeing section makes up 15% of the overall scoring, offering 10 credits in total. Polyflor can contribute towards 1 credit for HEA02: Indoor Air Quality.

## HEA 02: Indoor Air Quality

### Aim:

To recognise and encourage a healthy environment through specification and installation of appropriate ventilation, equipment and finishes.

### 1 credit: Minimising sources of VOCs and formaldehyde

Polyflor can contribute towards this credit through demonstrating conformance to EN 14041:2004. Polyflor flooring does not contain any formaldehyde, conforming to the E1 declaration and confirmed within product CE marking. All Polyflor products have low VOC emissions.

**The use of Polyflor materials can contribute towards 1 Health & Wellbeing credit for minimising sources of VOC and Formaldehyde.**





# Case Study

The Welsh Assembly Government invested £38 million in **Bronglais Hospital**, Aberystwyth. 8000m<sup>2</sup> of Polyflor flooring, comprising 2000 PUR; Pearlazzo PUR and Polysafe ranges, Hydro Evolve; Standard PUR and Wood fx PUR were installed, helping the hospital to achieve a BREEAM 'Very Good' rating.



# Case Study

Part of Stoke-on-Trent's Building Schools for the Future, Ormiston **Sir Stanley Matthews Academy** is a new £19 million purpose built academy which can accommodate 1,050 pupils. OSSMA used 4,500m<sup>2</sup> of Polysafe Vogue Ultra PUR and Polyflor Classic Mystique PUR to help contribute to its BREEAM 'Very Good' rating.





# Case Study

As part of a fantastic £20 million new build and refurb project, **North Chadderton**, Oldham, had 5000m<sup>2</sup> of Polysafe and Forest fx PUR flooring installed throughout. This college for 11-18 year olds is an example of how Polyflor flooring provides a stunning aesthetic while contributing to a BREEAM 'Very Good' rating for sustainable construction.

