

Maximising BREEAM Credits with Polyflor



Polyflor's vast range of products, technical support and best value flooring, means you can maximise your BREEAM score without any compromise on performance, choice or budget.

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:

1. Outstanding: Less than top 1% of UK new non-domestic buildings (innovator).
2. Excellent: Top 10% of UK new non-domestic buildings (best practice).
3. Very Good: Top 25% of UK new non-domestic buildings (advanced good practice).
4. Good: Top 50% of UK new non-domestic buildings (intermediate good practice).
5. Pass: Top 75% of UK new non-domestic buildings (standard good practice).

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

Materials

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

Materials – 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 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.

6 credits total for MAT 01

(depending on building type)

Materials – 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.

3.5 points: BES 6001 'Excellent' – Polyflor can contribute 3.5 points for the use of ranges which are certified to BES 6001, achieving 'Excellent'.

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

Use of Polyflor ranges with BES 6001 'Excellent' and ISO 14001 certification, contribute 4.5 of a maximum of 5 points (90% 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.

3 credits total for 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'

Waste – 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, plus 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 HEA 02: Indoor Air Quality

Health & Wellbeing – 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 floor coverings are REACH compliant and do not contain 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.

6 credits total for HEA 02



Polyflor In Situ

North Middlesex Hospital

- Flooring Used:**
- Forest FX
 - Polysafe Standard
 - Polysafe Hydro Evolve
 - XL PU
 - Finesse SD



**Achieved
BREEAM
'Excellent
rating'**

A selection of Polyflor floor coverings, including Forest fx, XL PU, Polysafe Standard, Polysafe Hydro Evolve and Finesse SD, were used throughout the North Middlesex Hospital's new £17.9 million maternity unit, as part of a larger £80 million modernisation and expansion programme at the hospital. The new unit includes eight home-from-birth rooms, an 18-cot neonatal unit with three mother and baby rooms and extra capacity if necessary. A labour ward includes a delivery suite and two obstetrics operating theatres.