

BREEAM® UK
Delivered by bre

*Milliken*TM

Introduction

BREEAM® is a sustainability assessment and certification scheme for the built environment, delivered by BRE (Building Research Establishment). It is an international standard that is locally adapted, operated and applied through a network of scheme operators, assessors and industry professionals. BREEAM recognises and reflects the value in higher performing assets and aims to inspire and empower change by rewarding and motivating sustainability across the life cycle of master-planning projects, infrastructure and buildings.

Launched in 1990, **BREEAM®** has over 2,250,000 Registered Buildings and has been used to certify over 590,000 assessments of buildings across the building life cycle. Whilst it is most widely used in the UK, it has been applied in over 78 countries.

Aims

BREEAM® Aims to provide market recognition of buildings that achieve low environmental impact and to challenge the market to provide innovative, cost effective solutions that minimise the environmental impact of buildings. It looks to ensure best environmental practice is incorporated in the planning, design, construction and operation of buildings and enable organisations to demonstrate progress towards corporate environmental objectives.



Carpet - Nordic Stories / Tectonic

How does it work?

BREEAM[®] measures sustainable value in a series of categories, ranging from energy to ecology. Each of these categories addresses the most influential factors, including low impact design and carbon emissions reduction; design durability and resilience; adaption to climate change; and ecological value and biodiversity protection. Each category is sub-divided into a range of assessment issues, each with its own aim, target and benchmarks. When a target or benchmark is reached, credits are awarded by the assessor. The category score is then calculated according to the number of credits achieved and its category weighting. Once the development has been fully assessed, the final performance rating is determined by the sum of the weighted category scores.

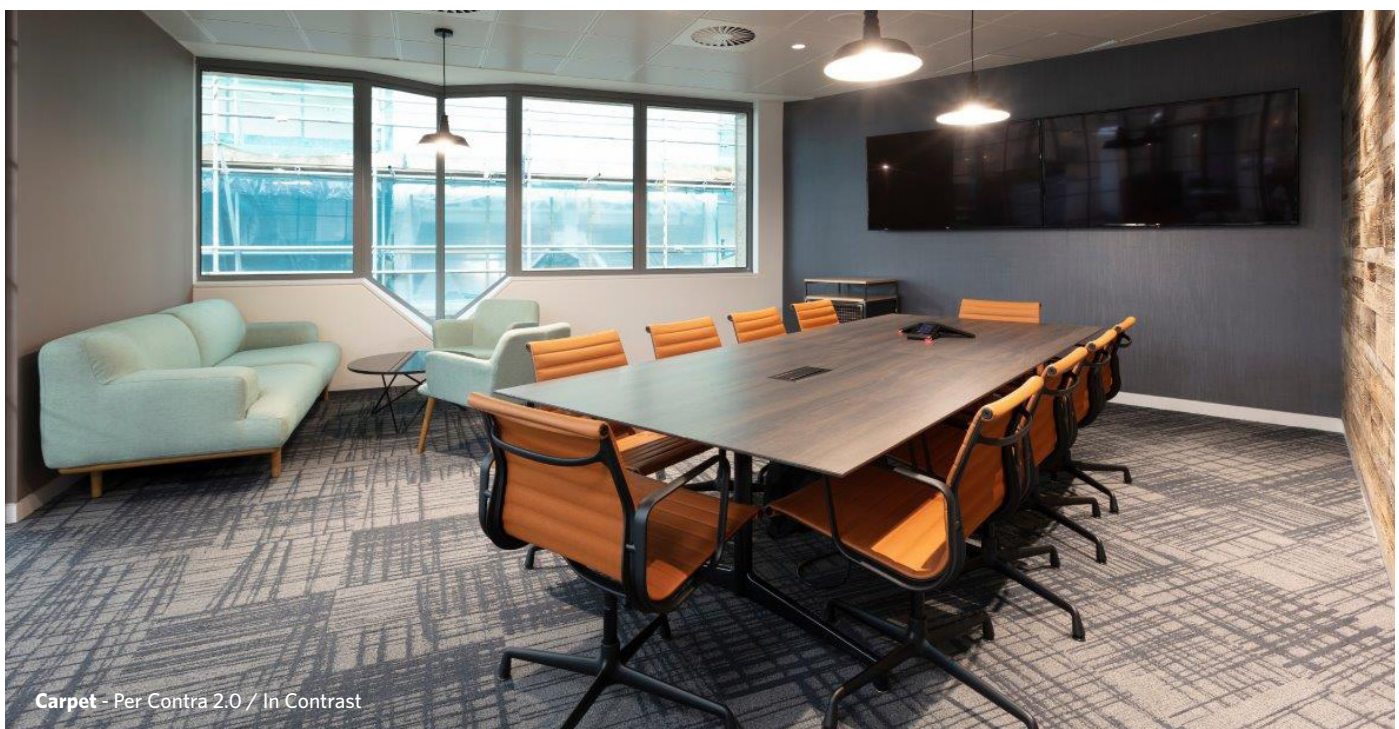
The rating enables comparability between projects and provides reassurance to customers and users, in turn underpinning the quality and value of the asset.

Assessment process

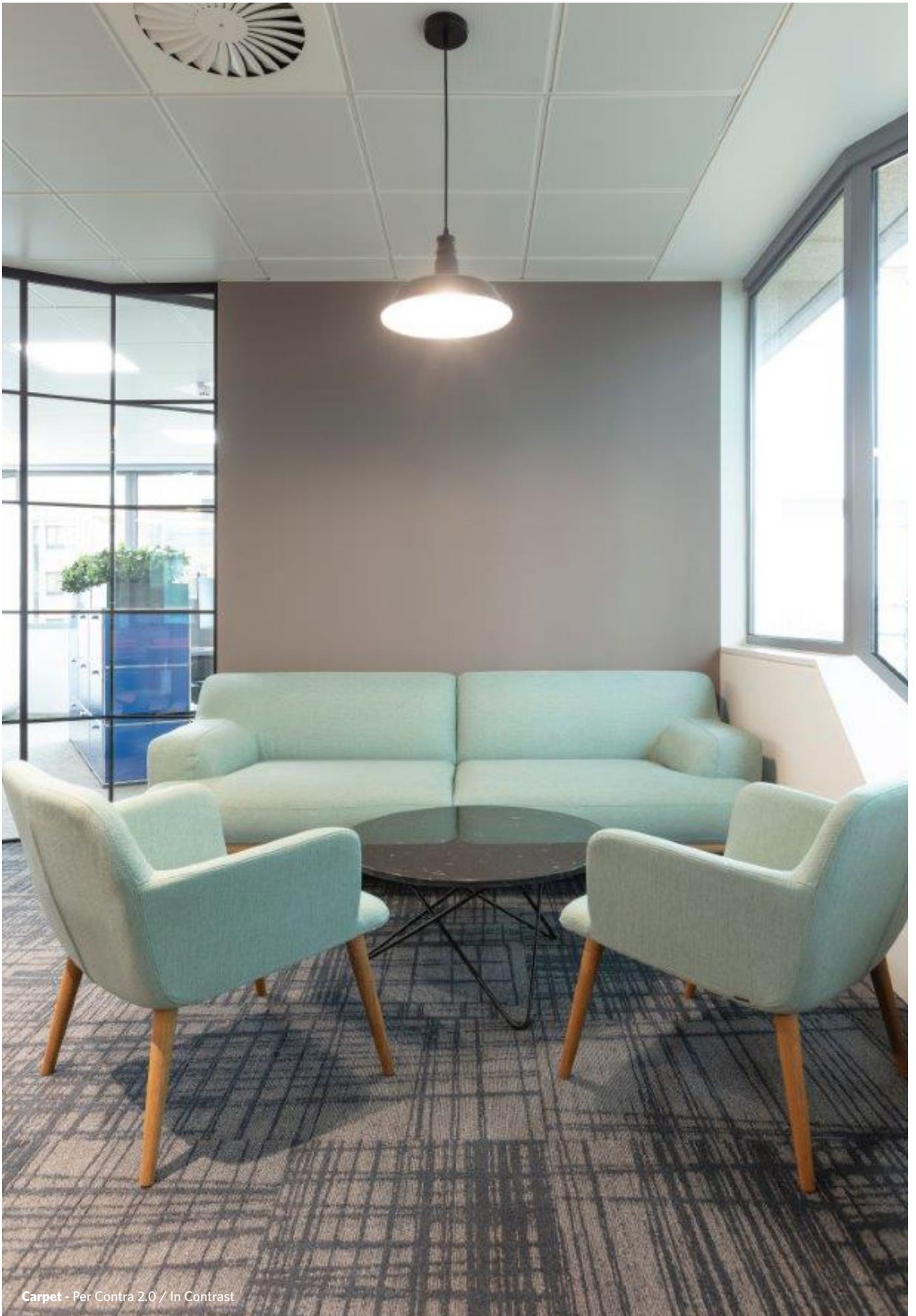
Assessment and certification can take place at a number of stages in the built environment life cycle, from design and construction through to operation and refurbishment. Third-party certification involves the checking of the assessment of a building or project by a qualified and licensed BREEAM Assessor to ensure that it meets the quality and performance standards of the scheme.

BREEAM [®] Rating	% score
OUTSTANDING	≥ 85
EXCELLENT	≥ 70
VERY GOOD	≥ 55
GOOD	≥ 45
PASS	≥ 30
UNCLASSIFIED	< 30

The main output from a certified **BREEAM[®]** assessment is the rating. A certified rating reflects the performance achieved by a project and its stakeholders, as measured against the standard and its benchmarks.



Carpet - Per Contra 2.0 / In Contrast



Carpet - Per Contra 2.0 / In Contrast

BREEAM® AND FLOORCOVERING

Floor Covering can contribute towards credits by meeting criteria included among the following measures.



HEA 02: Indoor air quality

Managing harmful emissions from construction products by specifying finishes and products that have been Tested in accordance with the appropriate standards.

HEA 05: Acoustic performance

Enabling occupants to experience best practice acoustic performance levels appropriate to the functional activities in occupied spaces.

MAT 02: Environmental impacts from construction products

To encourage availability of robust and comparable data on the impacts of construction products by rewarding the specification of products with environmental products declarations.

MAT 03: Responsible Sourcing of Construction Products

Enabling sustainable procurement through creation of a sustainable procurement to guide specification towards sustainable construction products. The plan must include a requirement for assessing the potential to procure construction products locally.

Measuring responsible sourcing. For each Material category, BREEAM recognised responsible sourcing certifications or environmental management system (EMS) certification must be obtained. The higher the percentage of procurement covered by certifications, the greater the credits available.

MAT06: Material efficiency

To avoid unnecessary materials use, targets are set on opportunities and methods to optimise the use of materials. Strategies include encouraging the use of materials with higher levels of recycled content and designing for deconstruction and material reuse.

Wst 01: Construction waste managements

Includes maximising the recovery of material during demolition and diverting non-hazardous waste from landfill.

Wst 04: Speculative finishes

Minimise the wastage associated with the installation of floor and ceiling finishes in lettable areas in speculative buildings where tenants have not been involved in their selection.

Wst 06: Design for disassembly and adaptability

Encouraging consideration and implementation of measures design options related to adaptability and disassembly, which can accommodate future changes to the use of the building and its systems over its lifespan.

BREEAM® AND FLOORCOVERING

How can Milliken Help?

1. HEA 02 Indoor Air Quality

An ISO6000 Indoor air quality test certificate is available for all of our carpet tile and LVT products. Certification schemes include GUT, Indoor Air Comfort Gold.

2. HEA 05 Acoustic Performance

Milliken's Comfort Plus and Comfort Lite carpet tile collections, with integral cushion backing provide superior impact sound and sound absorption properties. This may contribute towards spaces meeting the acoustic properties required to achieve this credit as part of the overall space design.

[Acoustic data by collection is available here.](#)

3. MAT 02 Environmental impacts from construction products

All Milliken's Collections have product specific EPDs worth 1.5 points for each product specified (A total of 20 EPD points needs to be achieved to gain this credit) By selecting a range of our hard and soft surface products within the design scheme you can be well on your way to achieving the 20 point total required for the credit.

[See our EPDs online here.](#)

4. MAT 03 responsible sourcing of materials

Milliken's UK carpet tile manufacturing facility is certified to BES6002 Ethical Labour Standards which contributes towards this credit.

[See our certificate here.](#)

5. MAT 06 Material efficiency

Milliken carpet tiles are manufactured with a wide range of recycled materials, with recycled content ranging from 50-75%. The recycled cushion backing extends warranty period to 12 or 15 years.

[Information by collection is available here.](#)

6. WST 01 Construction waste management

As founder members of Carpet Recycling UK, Milliken's Carpet Take Back scheme enables landfill avoidance for end of life or installation waste.

[Details available here.](#)

Please contact carpetenquiries@milliken.com for further information and quotation on request.

7. Wst 04 Speculative finishes

Our online design visualisation tool can provide prospective clients with inspiration for the potential floor finished available with zero waste. Alternatively small scale installations can be provided.

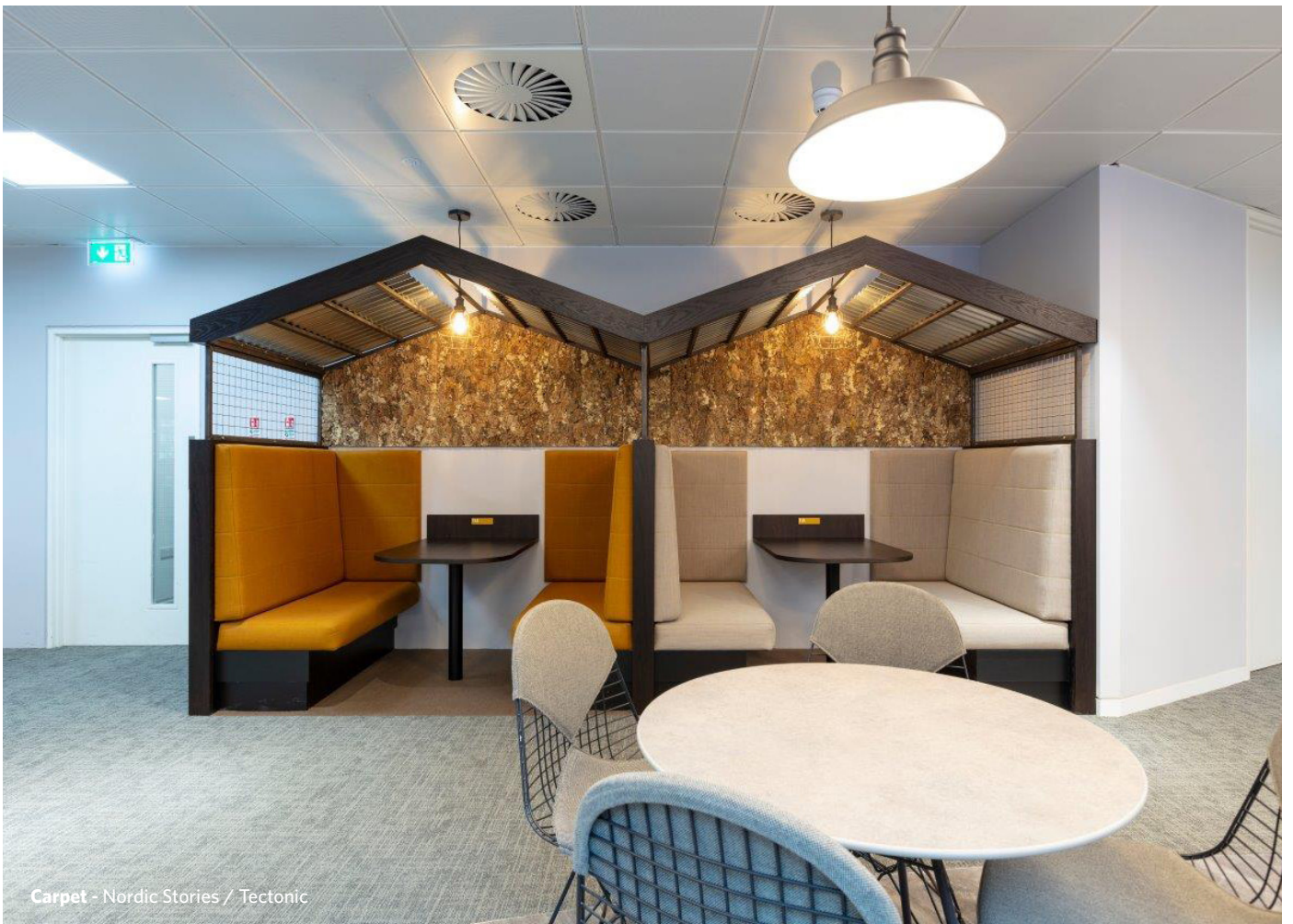
8. WST 06 Design for disassembly and adaptability

The modular format of Milliken's flooring combined with the need to avoid permanent adhesives is ideal for reconfiguration with changing office needs, and for re-use or recycling at the end of life. **TractionBack®** enables adhesive free installation for even greater flexibility.

Our design team can additionally advise on schemes that will give greater aesthetic flexibility to occupants who foresee higher levels of changing needs within the floor plan.



Carpet - Nordic Stories / Tectonic



Carpet - Nordic Stories / Tectonic

CUSTOMER SERVICE

SERVICE CLIENT / KUNDENSERVICE-CENTER / SERVICIO AL CLIENTE

UK

T. +44 (0)1942 612 777
E. carpetenquiries@milliken.com

FRANCE

T. 08 05 54 27 77
E. demandesmoquettes@milliken.com

DEUTSCHLAND

T. 0800 7243794
E. verkauf@milliken.com

ESPAÑA

T. +44 (0)1942 612 777
E. informaciondemoqueta@milliken.com

SHOWROOMS**LONDON**

T. +44 (0)20 7336 7290

5 Berry Street,
Clerkenwell,
London EC1V 0AA

PARIS

T. +33 (0)1 40 98 06 99

40 Rue Des Mathurins,
75008 Paris

EUROPEAN HEAD OFFICE

SIÈGE EUROP ÉEN / EUROPA ZENTRALE / SEDE CORPORATIVA EUROPA

T. +44 (0)1942 826 073

Beech Hill Plant,
Gidlow Lane,
Wigan WN6 8RN

Cover Image

leonid980. iStock by Getty

www.millikenfloors.com

Milliken™