

Forbo Environmental Data Sheet

Product name	Tessera Alignment
Product description	Tessera Alignment is a sophisticated cut and loop pile carpet tile manufactured using 100% solution dyed yarn for superior colour fastness. Alignment complies with all requirements of EN1307: Textile Floor Coverings – Classification of Pile Carpets.
Manufacturing location	Bamber Bridge, United Kingdom
Site accreditation	ISO14001, ISO 9001, OHSAS 18001, SA8000®



Our footprint – how it's made

Environmental data

Total recycled content of product by weight 61%

Post industrial recycled content 61%

% renewable electricity & biogas used 100%

Independent assessment and rating

ISO 9001 Quality Management System



ISO 14001 Environmental Management System



OHSAS 18001 Occupational Health and Safety Management



Alignment is made in an SA8000® certified facility



Carbon footprint

Estimated carbon footprint using data from Environmental product declaration according to ISO 14025 Raw materials and production 14.2 kg CO₂ eq/m²

Use (1 year) 0.804 kg CO₂ eq/m²

Your footsteps – how it performs

Health and well being

Air quality
CHPS 01350 Tessera products comply to 01350 Indoor Air Quality Standard
AgBB/DiBt Pass

Impact sound reduction 26 dB

Installation

Recommended adhesives
The recommended adhesive for the Tessera collections is Eurocol Eurocol 542 Eurofix Tack.
More information about adhesives and environmental impact via info.eurocol@forbo.com.
For the Tessera installation guides visit **our website**.

Maintenance

Appropriate care and maintenance is essential to longevity and appearance retention and is necessary to maintain product warranties. Refer to the clean and care instructions available from Forbo Flooring Systems.

End of life

Products suitable for reuse, recycling, downcycling and waste to energy.

Contribution to Green Building Schemes

BREEAM-NL

Potential direct or indirect contribution to following categories and credits:

New Building and Renovation MAT01 Environmental impact of building materials
MAT03 Responsible sourcing of building materials

In-Use RSC11 Measures for future re-use of materials and waste
RSC16 Circular origin of incoming products and materials

LEED (version 4)

Potential direct or indirect contribution to following categories and credits:

Materials and Resources

Building product disclosure and optimisation - sourcing of raw materials

Construction and demolition waste management

Indoor environmental quality

Low emitting materials

Acoustic performance

Forbo design principles (Reduce, Recycle, Reuse, Renew)

Reduce Investment in an extruder has reduced our bitumen usage by 50%.

Reuse Yarn ends are rewound and used in the production of new Tessera Carpet tiles. All Tessera samples can be returned allowing them to be reused or recycled, reducing the need for virgin materials.

Recycle Yarns, backing cloth, fillers and latex all contain recycled materials. All tufted Tessera carpet tiles contain at least 57% recycled content by weight.

Renew All Tessera carpet tiles manufactured at Bamber Bridge are made with 100% renewable forms of energy (renewable electricity & biogas).

visit www.forbo.flooring.nl/downloads for more information