

Forbo Environmental Data Sheet

Product name	Tessera Create Space 3
Product description	Tessera Create Space 3 is a versatile geometric cut and loop carpet tile manufactured using Econyl regenerated polyamide. It's ideal for combining with Create Space 1 and 2. Create Space 3 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 **Min 65%**

Post industrial recycled content **Min 65%**

Post consumer recycled content **0%**

Recycled content of yarn

3800 agate 100%	3801 platinum 98%	3802 zinnobor 100%	3803 columbine 100%	3804 flagstone 98%	3805 serpentine 34%
3806 saffron 63%	3807 nankeen 53%	3808 arabica 100%	3809 carnelian 100%	3810 prussian 100%	3811 verdigris 17%
3812 azurline 34%	3813 aurora 22%	3814 tyrian 98%			

% renewable electricity used **100%**

Independent assessment and rating

ISO 9001 Quality Management System



ISO 14001 Environmental Management System



OHSAS 18001 Occupational Health and Safety Management



Create Space 3 is made in an SA8000® certified facility



Carbon footprint

Estimated carbon footprint using data from Environmental product declaration according to ISO 14025 **Awaiting data**

Your footsteps – how it performs

Health and well being

Air quality
CHPS 01350 **Tessera products comply to 01350 Indoor Air Quality Standard**

Impact sound reduction

Installation **23dB**

Recommended adhesives
Carpet tiles must be adhered using an all over tackifier adhesive system: Forbo Eurocol 542 Eurofix Tack Plus, a **solvent free** release system, is recommended. Where periphery tiles are not constrained by fixtures e.g. walls, edge strips etc, it is recommended that such tiles are adhered using a permanent adhesive; Forbo Eurocol 540 Eurosafe Special, again a **solvent free** adhesive, is recommended.
Adhesives must be applied according to the manufacturer's instructions and it is essential that tackifier adhesives are allowed to dry to a tacky finish before laying the carpet tile. Failure to do so could result in a permanent nonrelease bond.
Where contribution to credits for BREEAM sections HEA2 and HEA9 are required then low emission adhesive Eurocol 542 Eurofix tack plus should be used. If a permanent bond is required, please use Eurocol 640 Eurostar special.

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.

All Tessera products are suitable for cleaning using the Dry Fusion technique. Dry Fusion uses 95% less water than the normal system of cleaning, produces no waste product, uses non hazardous and biodegradable cleaning solutions and all packaging and materials within the Dry Fusion System can be recycled.

End of life

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

Forbo Flooring Systems works with recycling companies to clean, reuse and recycle old carpet tiles in the UK.

Contribution to Green Building Schemes

BREEAM

BREEAM ratings	Building Type			Multi-Residential	Retail (Durability)	Retail (Fashion)
	Office	Education	Healthcare	A	A	A+
	A	A	A	A	A	A+

Ska scheme (RICS)

M12 soft floor covering criteria (Ska offices Vs 1,2.2013)	Meets
M12 soft floor covering criteria (Ska retail Vs 1,0.2012)	Meets

LEED (version 2.2)

Potential direct or indirect contribution to following categories and credits:	Materials and Resources	Materials and resources - construction waste management through Back To The Floor, credit 2
		Regional materials, credit 5
	Indoor environmental quality	Indoor environmental quality, low emitting materials – credit 4.3

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

Reduce	Investment in an extruder has reduced our bitumen usage by 50%. All Tessera random lay carpet tiles can reduce installation waste to 2%.
Reuse	Yarn ends are rewound and used in the production of new Tessera Carpet tiles. Cutting waste and imperfect tiles can be reprocessed and turned into backing at our Bamber Bridge plant – creating a closed loop process. All Tessera samples can be returned allowing them to be reused or recycled, reducing the need for virgin material.
Recycle	Yarns, fillers and compounds all contain recycled materials. All tufted Tessera carpet tiles made in the UK contain at least 50% recycled content by weight.
Renew	All Tessera carpet tiles manufactured at Bamber Bridge are made with 100% renewable electricity.