

## Forbo Environmental Data Sheet

Product name	Tessera Create Space 1
Product description	Tessera Create Space 1 is low level loop pile carpet tile produced with Econyl regenerated polyamide. It is ideal for combining with Create Space 2 and 3. Create Space 1 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 71%

Post industrial recycled content Min 71%

Post consumer recycled content 0%

#### Recycled content of yarn

1800   ebonite 100%	1801   feldspar 100%	1802   ashen 100%	1803   celeste 58%	1804   opal 58%	1805   peridot 58%
1806   goldstone 58%	1807   tawny 58%	1808   bistre 58%	1809   persimmon 58%	1810   ultramarine 58%	1811   cerulean 58%
1812   iolite 58%	1813   nickel 58%	1814   byzantine 58%	1815   hematite 58%	1816   lithium 58%	1817   violetta 58%

% 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 1 is made in an SA8000® certified facility



### Your footsteps – how it performs

#### Health and well being

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

Impact sound reduction 21dB

#### Installation

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					
	Office	Education	Healthcare	Homes	Retail (Durability)	Retail (Fashion)
	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

M12 soft floor covering criteria (Ska Higher Education Vs 1.0 2016) Meets

### LEED (version 2.2)

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

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

<b>Reduce</b>	Investment in an extruder has reduced our bitumen usage by 50%.
<b>Reuse</b>	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.
<b>Recycle</b>	Yarns, backing cloth, fillers and latex all contain recycled materials. All tufted Tessera carpet tiles made in the UK contain at least 50% recycled content by weight.
<b>Renew</b>	All Tessera carpet tiles manufactured at Bamber Bridge are made with 100% renewable electricity.