

Forbo Environmental Data Sheet

Synergy Collection

Product name	Allura Flex	Tessera Seagrass	Tessera Hybrid	Tessera Marble	Tessera Clarity
Product description	A collection of Allura Flex Luxury Vinyl Tiles and four differing carpet tile ranges. Allura Flex meets the requirements of EN-ISO 10581 - Type 1. Tessera ranges are measured according to EN-ISO 1307				
Manufacturing location	Coevorden, Netherlands	Bamber Bridge, United Kingdom			Barnsley, United Kingdom
Site accreditation	ISO14001, ISO 9001, OHSAS 18001, SA8000®				

Our footprint – how it's made

Environmental data	Allura Flex	Tessera Seagrass	Tessera Hybrid	Tessera Marble	Tessera Clarity
Total recycled content of product by weight	22%	61%	58%	59%	12.5%
Post industrial recycled content	22%	61%	58%	59%	12.5%
Post consumer recycled content	0%	0%	0%	0%	0%
Recycled content of yarn	N/A	0%	0%	0%	0%
% renewable electricity used	100%	100%	100%	100%	100%

Independent assessment and rating

ISO 9001 Quality Management System	
ISO 14001 Environmental Management System	
OHSAS 18001 Occupational Health and Safety Management	
Synergy products are made in S8000® certified facilities	

Your footsteps – how it performs

Health and well being

Air quality	01350 Allura Flex, Tessera Seagrass, Hybrid, Marble and Clarity meet 01350 Indoor Air quality standard				
AgBB/DiBT	Allura Flex, Tessera Seagrass, Hybrid, Marble and Clarity pass the AgBB/DiBT standard				
Impact sound reduction	14dB	28dB	26dB	29dB	28dB

Installation

Recommended adhesives	<p>Allura Flex and Tessera 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.</p> <p>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 non release bond.</p> <p>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.</p>
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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			
Allura Flex (generic)	A	A+	A+	A	A	A+
Tessera Seagrass	Currently being assessed by BRE					
Tessera Hybrid	Not tested					
Tessera Marble	Currently being assessed by BRE					
Tessera Clarity	Not tested					

Ska scheme (RICS)

	Allura Flex	Tessera Seagrass	Tessera Hybrid	Tessera Marble	Tessera Clarity
M12 soft floor covering criteria (Ska offices Vs 1,2.2013)	Pass	Pass	Pass	Pass	Does not meet criteria
M12 soft floor covering criteria (Ska retail Vs 1,0.2012)	Pass	Pass	Pass	Pass	Does not meet criteria

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 (Tessera products only)
	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%. Environmental impact on Allura Flex printed layer is reduced through use of water based inks.
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	Fillers and compounds all contain recycled materials. All Tessera tufted carpet tiles made in the UK contain at least 50% recycled content by weight.
Renew	All Synergy products are manufactured with electricity from 100% renewable resources.