



tessera[®] chroma

creating better environments

forbo

FLOORING SYSTEMS

Chroma is the quality by which we communicate colour. It is how we define a colour's purity, its intensity or saturation.

In this way it provides a measure by which we can create a relationship between colours, allowing them to bring balance and harmony to a space.

- Available in 27 trend led colourways **Chroma** offers an exceptionally diverse palette.
- Each colourway is a combination of 3 shades, carefully composed for a softer, harmonious colour balance.
- Generous 750gsm pile weight for opulent texture and underfoot comfort.
- Easily combined with Allura Flex vinyl tiles using the same adhesive, without the need for transition strips, additional profiles, or inconvenient build up of the sub floor.
- 100% Aquafil solution dyed polyamide 6 yarn for durability and colour fastness.
- Meets Ska rating criteria for M12 soft floor coverings
- Contains 61% recycled content by weight



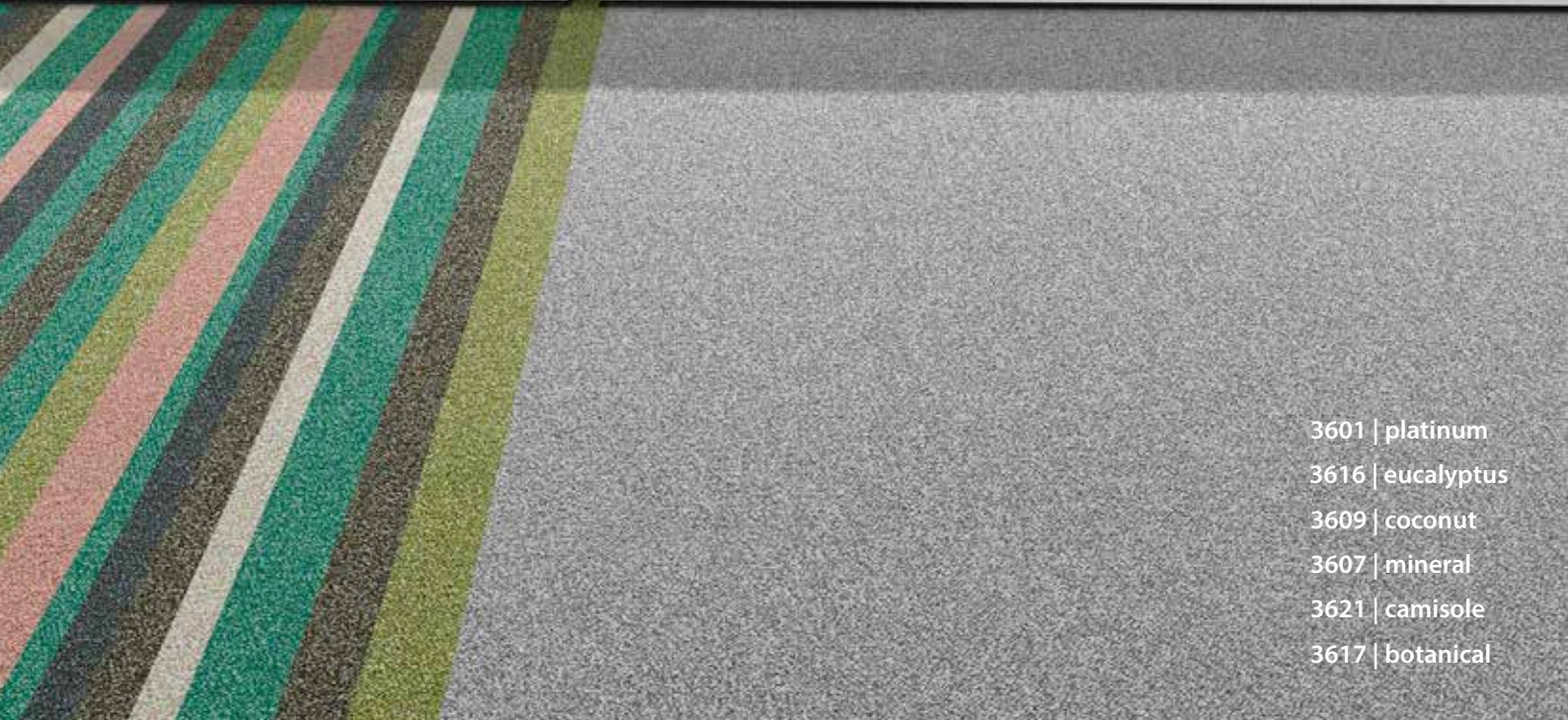
61% recycled
content by
weight



level loop
construction



50cm x 50cm
carpet tile



3601 | platinum
 3616 | eucalyptus
 3609 | coconut
 3607 | mineral
 3621 | camisole
 3617 | botanical



3624 | blossom



3620 | evergreen



3603 | ashphalt
3623 | tangerine



3603 | ashphalt
3623 | tangerine



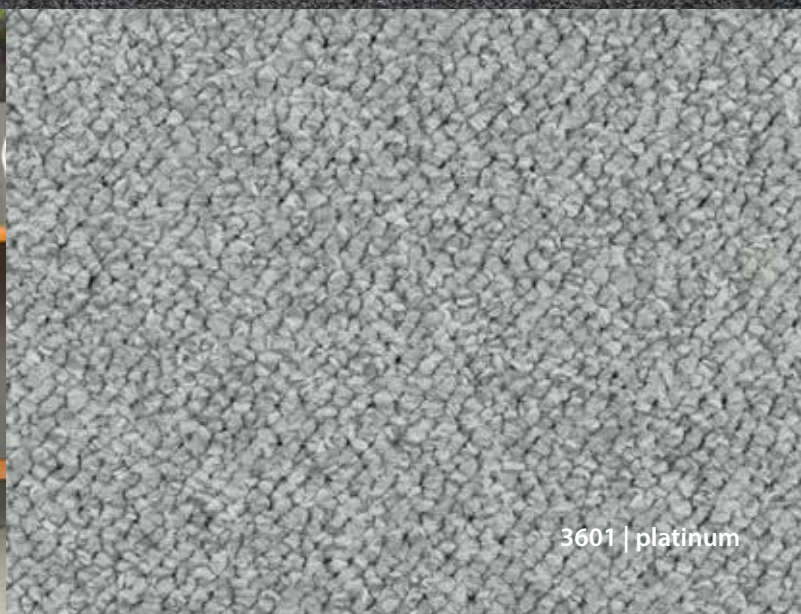
3622 | wisteria



3606 | tuxedo



3609 | coconut



3601 | platinum



3602 | chanterelle

3607 | mineral

3618 | torrent



3607 | mineral



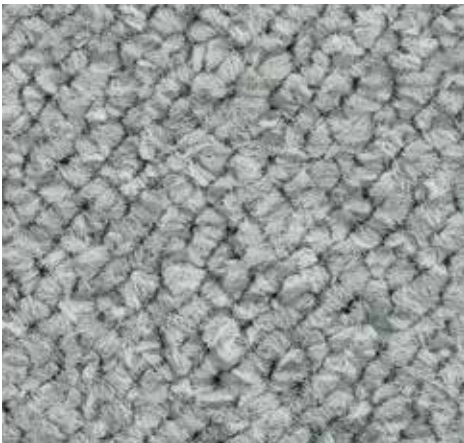
3606 | tuxedo

3621 | camisole

Chroma colour options



3600 | castle LRV 19



3601 | platinum LRV 27



3609 | coconut LRV 30



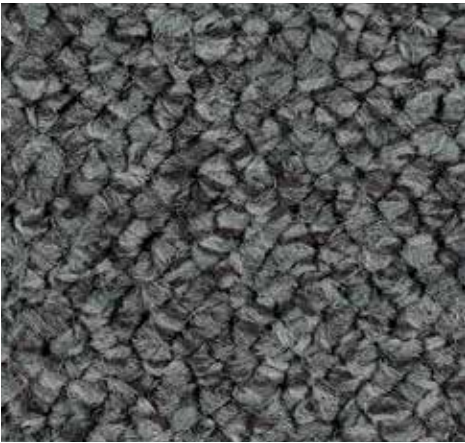
3603 | asphalt LRV 14



3604 | elephant LRV 13



3602 | chanterelle LRV 22



3607 | mineral LRV 10



3605 | pathway LRV 13



3610 | thatch LRV 17



3606 | tuxedo LRV 6



3608 | quinoa LRV 9



3611 | treacle LRV 8

Chroma colour options



3612 | estuary LRV 19



3613 | pasture LRV 13



3614 | submarine LRV 26



3615 | nautical LRV 10



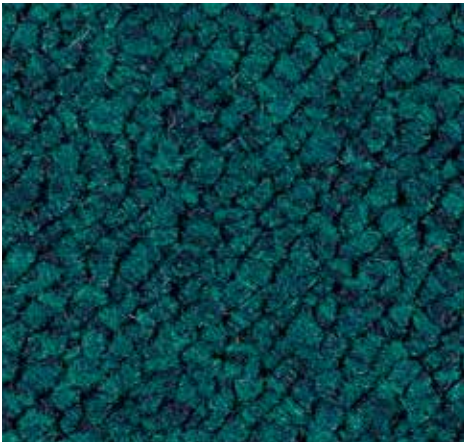
3616 | eucalyptus LRV 16



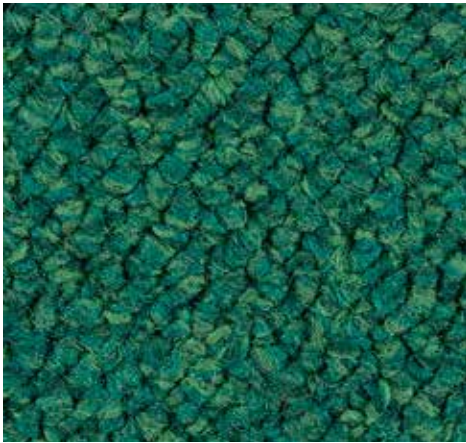
3617 | botanical LRV 21



3618 | torrent LRV 7



3619 | jungle LRV 7



3620 | evergreen LRV 9

Chroma colour options



3622 | wisteria LRV 19



3621 | camisole LRV 29



3624 | blossom LRV 17



3623 | tangerine LRV 20



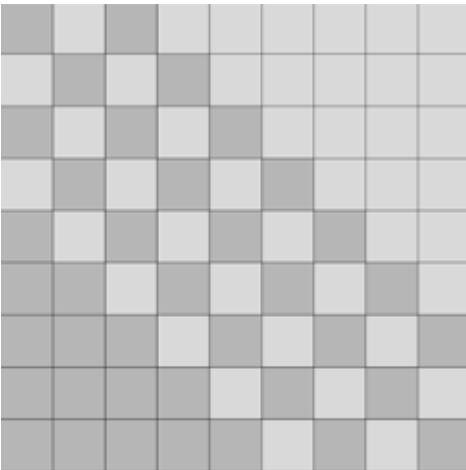
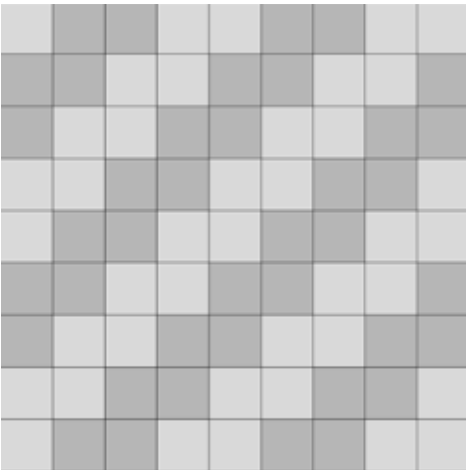
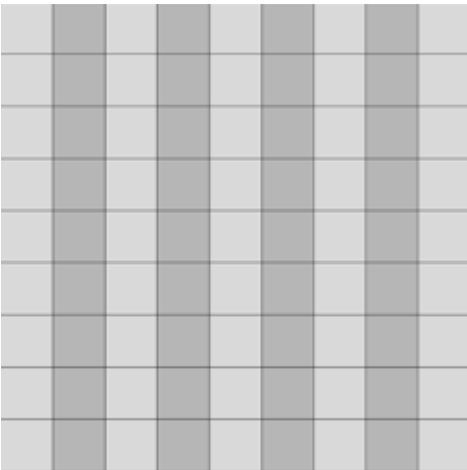
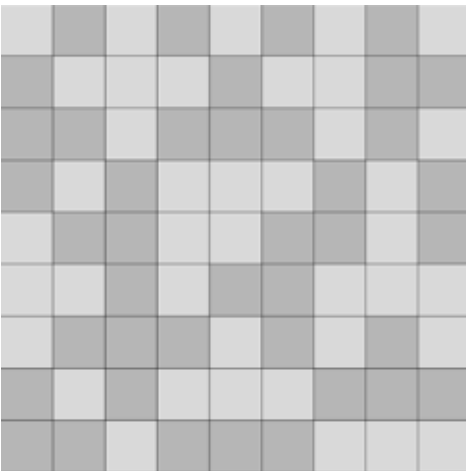
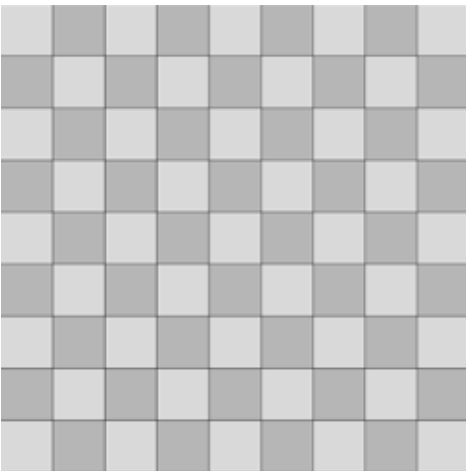
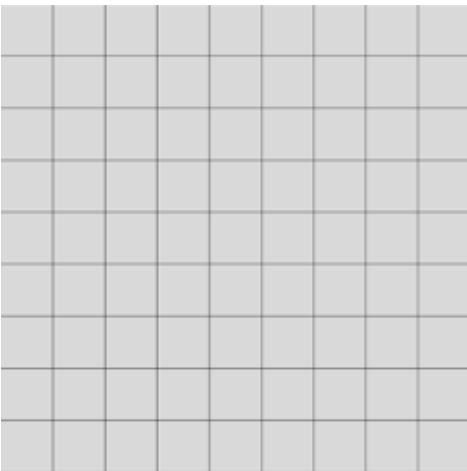
3626 | cardinal LRV 10



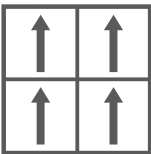
3625 | calypso LRV 13



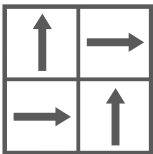
Chroma installation ideas



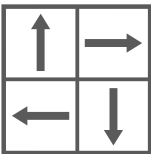
Chroma fitting options



monolithic



quarter turn



tessellated

Forbo Environmental Data Sheet

Product name	Tessera Chroma
Product description	Tessera Chroma is a textured loop carpet tile with generous 750gsm polyamide pile, available in 27 sophisticated and trend led colours. Chroma complies with all requirements of EN1307: Textile Floor Coverings – Classification of Pile Carpets.
Manufacturing location	Bamber Bridge, United Kingdom
Site accreditation	ISO14001, ISO 9001, ISO 45001, 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	
ISO 45001 Occupational Health and Safety Management	
Chroma 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	12.9 kg CO ₂ eq/m ²
	Use (1 year)	0.804 kg CO ₂ eq/m ²

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
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Installation

Recommended adhesives	<p>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 640 Eurostar 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 tack plus should be used. If a permanent bond is required, please use Eurocol 640 Eurostar special.</p>
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Forbo Environmental Data Sheet – continued

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 2018

Compliant through declaration number 4789471078.142.1. Valid until July 2025.

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 - up to 1 point
		Construction and demolition waste management up to 2 points
	Indoor environmental quality	Low emitting materials up to 3 points
		Acoustic performance up to 1 point


















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 made in the UK contain at least 56% 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.co.uk/downloads for more information

Technical specification

Tessera Chroma carpet tiles meet the requirements of EN 1307

Description		Tufted textured loop pile carpet tile	
	Dimensions	EN 994	50cm x 50cm
	Total thickness	ISO 1765	6.4mm ± 10%
	Pile height	ISO 1766	3.5mm +15% -10%
	Collection size	27 colourways. 4m² per box	
	Commercial use	EN ISO 10874	Class 33, Suitable for any type of heavy contract application
	Pile composition	100% Aquafil polyamide 6	
	Dye method	100% solution dyed	
	Stitch density	ISO 1763	94,464 per m² ± 10%
	Pile weight	ISO 8543	750 gsm ± 10%
	Total weight	ISO 8543	4,065 gsm ± 10%
	Primary backing	Polyester	
	Secondary backing	ProBac recycled mineral filler with low amount of modified bitumen, and polyester fleece. Contains over 76% recycled content. Also available in SOFTbac® secondary backing.	
	Acoustic	ISO 717-2	Impact sound ΔL_w = 26 dB
		ISO 354	Sound absorption = 0.15
	Castor chair use	ISO 4918	$r \geq 2.4$ continuous use
	Light fastness	EN ISO 105-B02	≥ 5
	Dimensional stability	EN 986	≤ 0.2 %
	Creating Better Environments		
	Renewable Energy	All Tessera tufted carpet tiles are manufactured using 100% renewable energy (electricity & biogas)	
	Recycled Content	Chroma carpet tiles contain 61% recycled content by weight	
	Indoor Air Quality	Chroma carpet tiles comply to 01350 Indoor Air Quality Standard	
	Back to the Floor	Installation off cuts can be collected via Back to the Floor	
	Ska Rating	Chroma meets Ska Rating criteria for M12 soft floor coverings in office, retail and higher education schemes	
	Prodis-GUT	www.pro-dis.info	0D6FB476
	Installation method	Monolithic, quarter turn or tessellated	

Chroma carpet tiles meet the requirements of EN 14041

	Product code	EN 14041	1170100-DoP-101
	Reaction to fire	EN 13501-1	B _{fl} -s1, G, NCS
	Slip resistance	EN 13893	$\mu \geq 0.30$
	Body voltage	ISO 6356	< 2 kV
	Thermal resistance	EN 12667	0.079 m².K/W

All Forbo Flooring Systems' sales organisations and manufacturing sites worldwide have certified Quality Management Systems in accordance with ISO 9001. All Forbo Flooring Systems' manufacturing plants have certified Environmental Management Systems in accordance with ISO 14001. Tessera Chroma is manufactured in a facility certified to SA8000® and ISO 45001.

Contact us



Forbo Flooring Systems is part of the Forbo Group, a global leader in flooring and movement systems, and offers a full range of flooring products for commercial and affordable housing and new build markets. High quality linoleum, vinyl, textile, flocced and entrance flooring products combine functionality, colour and design, offering total flooring solutions for any indoor environment.

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Samples can be ordered over the phone,
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(Mon - Fri, 8.30am - 5.00pm)

Samples can be ordered 24/7 by visiting
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