



Homogeneous Vinyl

sphera[®] element



27 x 2 m

creating better environments



FLOORING SYSTEMS



sphera[®] element

BALANCE. COLOUR. PERFORMANCE.

Exceptional colour choice

Sphera Element brings an exceptional design offer to the premium homogeneous vinyl market. With a wide range of subtle, soft neutral colours and contrasting tones, combined with the ability to withstand heavy traffic, Element is ideal for use in demanding, hygienic healthcare environments, multi-purpose modern public buildings or in education facilities and offices. The SMART-top surface protection provides excellent stain and scratch resistant properties with superior appearance retention.

Innovative, premium homogeneous vinyl

Sphera, Forbo's premium, homogeneous sheet vinyl collection, offers a completely balanced and coordinated collection which allows colours and designs to be easily combined to create a fresh and playful interior. The collection is available in vibrant and contemporary hues, offering a wide range of design solutions to fit any commercial requirements. All Sphera collections have been developed by our in-house European design team using the latest production technology.

Creating better environments

The Sphera production process aims to avoid any unnecessary waste and minimise energy and raw material use. Any waste that may be produced from Sphera's premium homogeneous sheet vinyl is reused in Forbo's other premium products. Sphera is phthalate free and produced with 100% green energy, with minimal impact on the environment.

The Sphera Element collection offers a contemporary, colourful and exceptionally durable solution for any commercial interior.

The premium homogeneous vinyl delivers a combination of vibrant and contemporary colours and designs with excellent durability and performance properties.

DESIGN COLOUR

- A complete palette of colours, including many with high LRV values, supporting the user experience in sufficiently lit interiors.
- New designs and a matt aesthetic for excellent dirt hiding and scratch resistant properties.
- Colour coordinated with other Forbo ranges, such as Eternal and Step.

PERFORMANCE DURABILITY

- SMART-top finish specifically designed for enhanced cleanability and ability to withstand heavy use.
- Excellent stain resistant surface treatment.
- High quality scratch resistant properties.

TECHNOLOGY SUSTAINABILITY

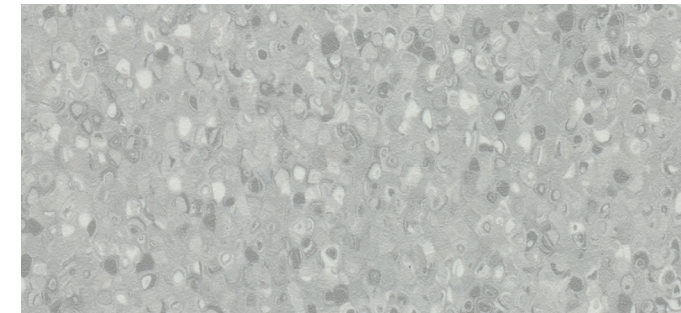
- Low emissions and phthalate free manufacturing contribute to a healthy indoor environment.
- New technology powered by green renewable energy delivers consistent quality in an efficient and sustainable way with zero waste.
- Low energy and water use thanks to the efficient state-of-the-art production process.
- Carefully selected raw materials to offer possibilities for re-use after end of life.



sphera® element



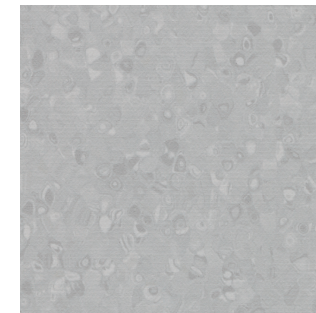
50062 | storm grey LRV 59



51004 | contrast mid grey LRV 51



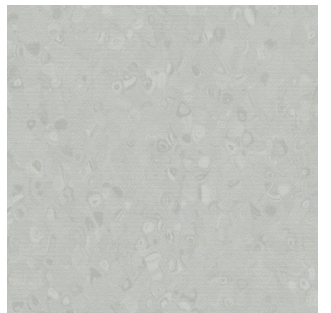
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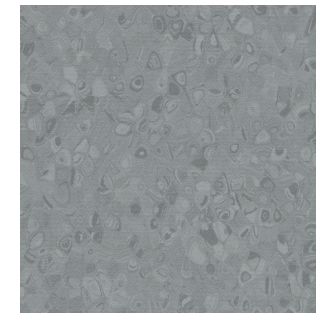
50008 | silver grey LRV 47



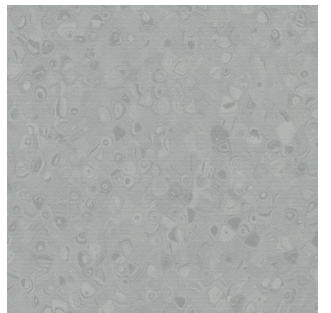
50068 | hay **51005** | contrast dark grey **50008** | silver grey



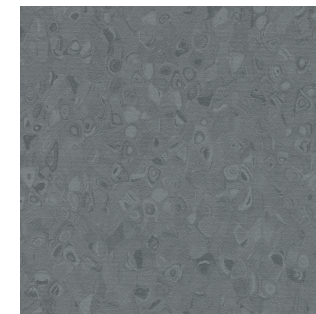
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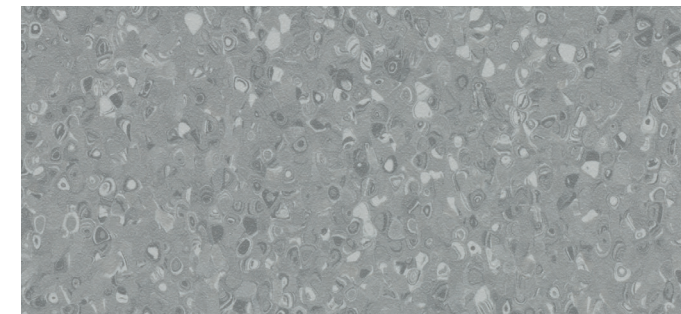
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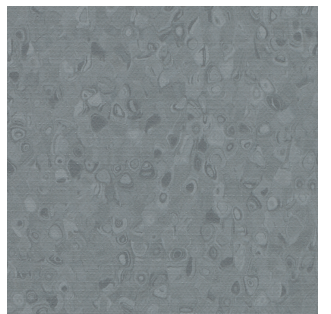
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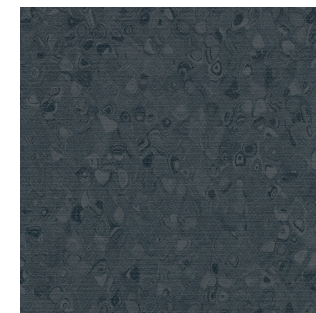
50010 | iron LRV 17



51005 | contrast dark grey LRV 32



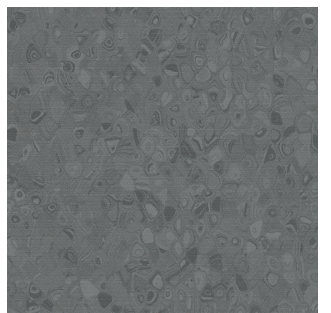
50005 | dark neutral grey LRV 24



50011 | steel LRV 10

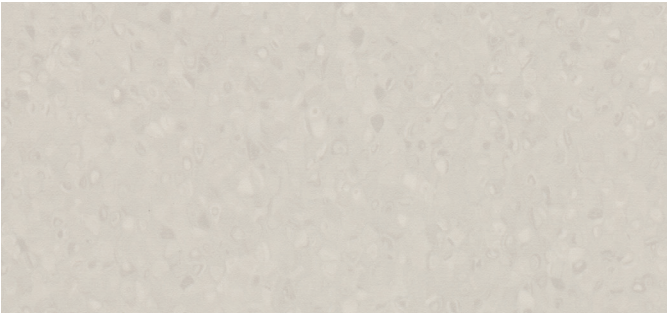


51001 | contrast black LRV 8

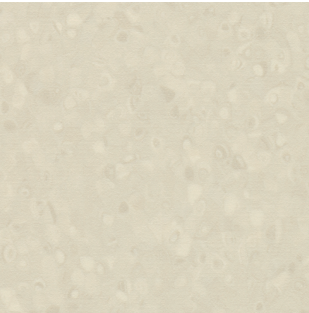


50006 | anthracite LRV 15

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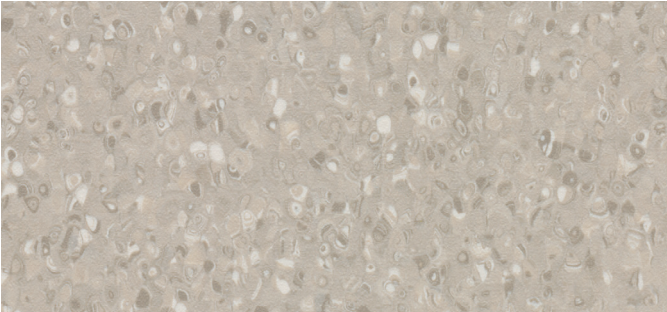
50017 | ivory LRV 62



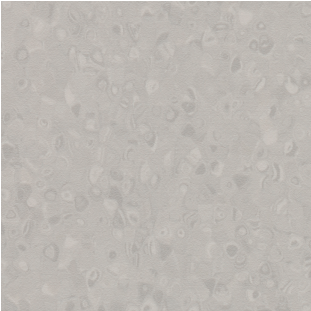
50022 | shell LRV 70



50023 | sand LRV 53



51018 | contrast mortar LRV 49



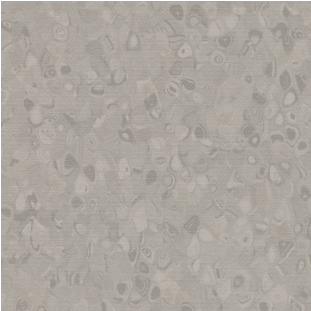
50028 | greige LRV 47



50018 | mortar LRV 49



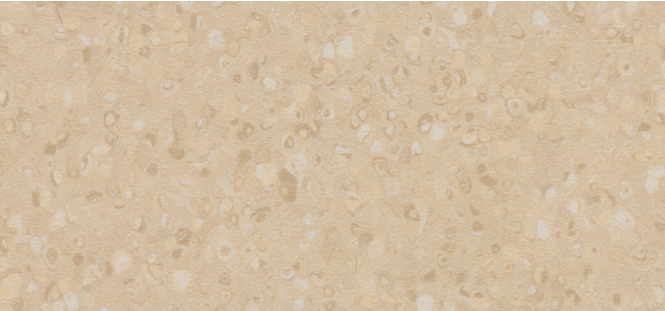
51018 | contrast mortar 50017 | ivory 50024 | stone



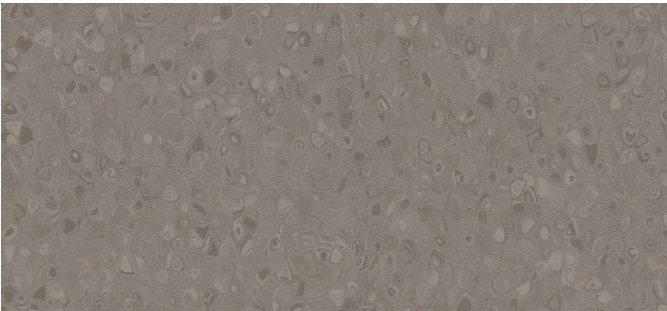
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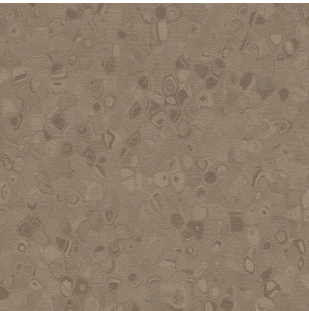
50019 | clay LRV 36



51023 | contrast sand LRV 51



50020 | silt LRV 23



50025 | earth LRV 23



50024 | stone LRV 38

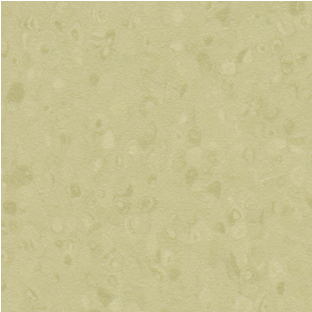
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50063 | white moss LRV 65



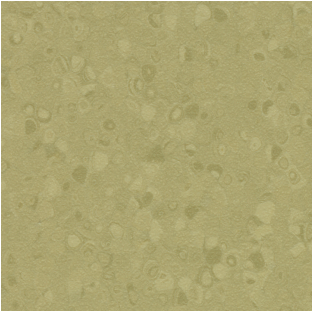
50076 | pastel kelp LRV 66



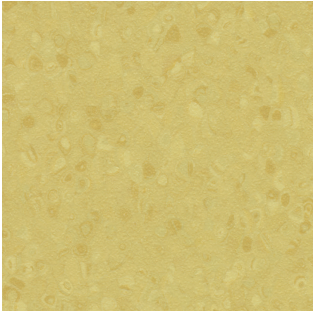
50064 | light moss LRV 50



50067 | straw LRV 71



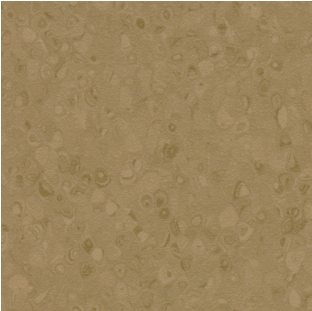
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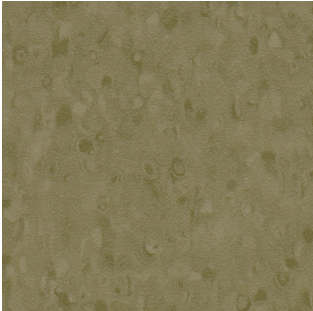
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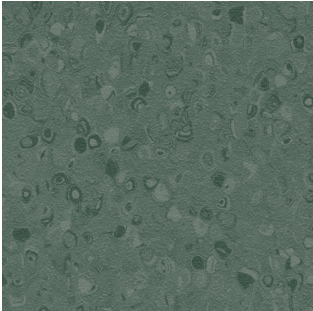
50080 | reef green 51054 | contrast amber 50079 | lagoon 50078 | dark kelp



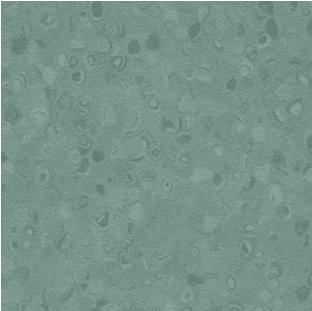
50066 | flax LRV 27



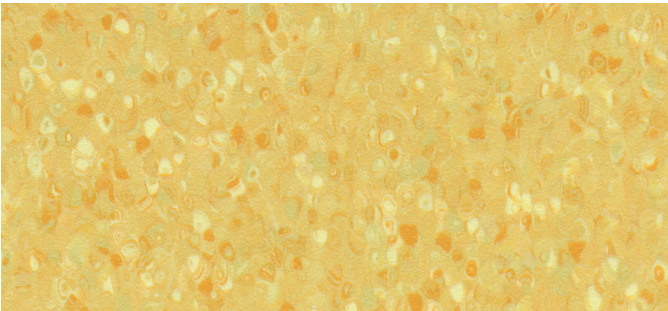
50069 | dark moss LRV 21



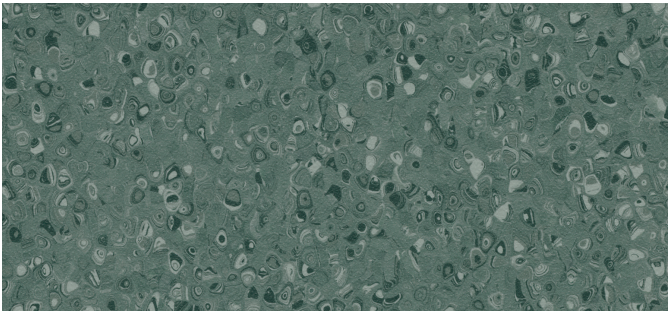
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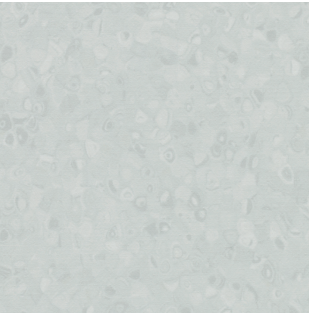
50077 | kelp LRV 28



51054 | contrast amber LRV 54



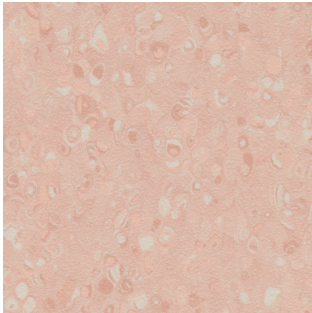
51078 | contrast kelp LRV 17



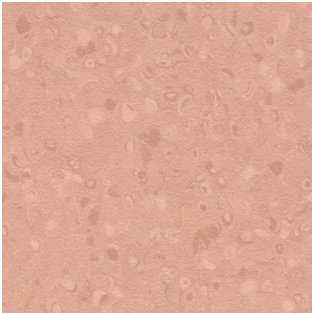
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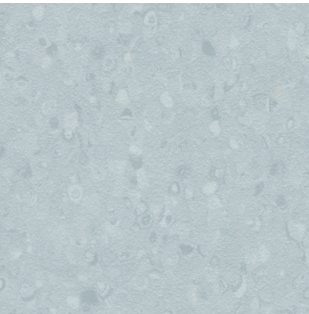
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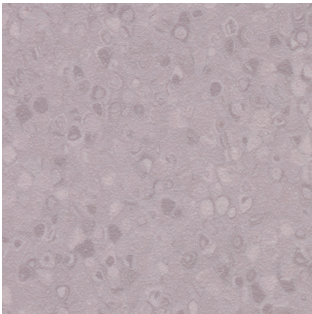
51073 | contrast peach LRV 45



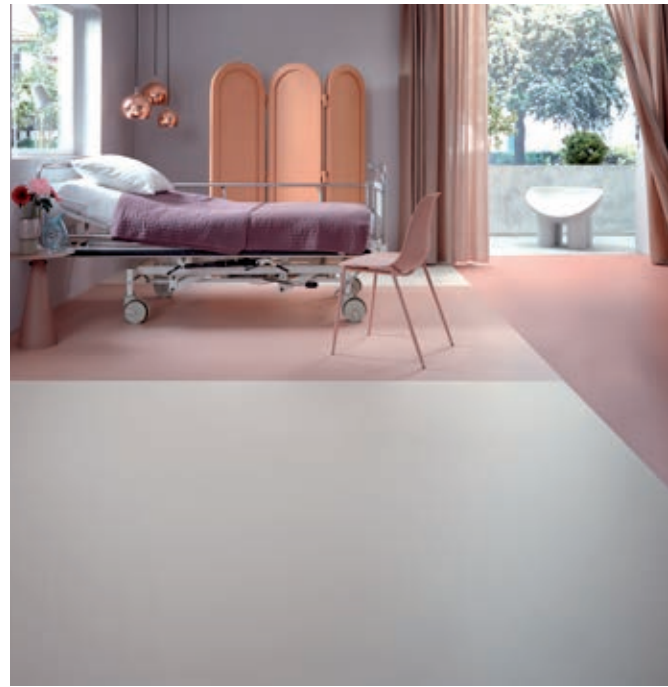
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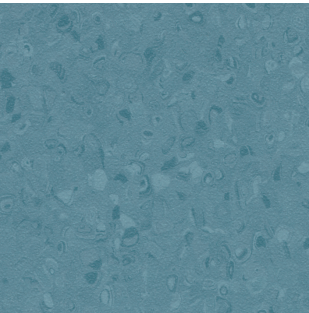
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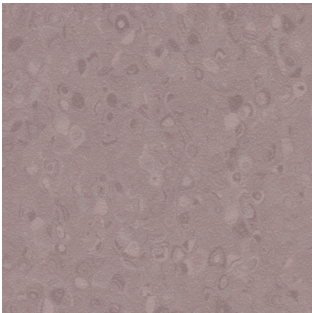
50070 | soft violet LRV 47



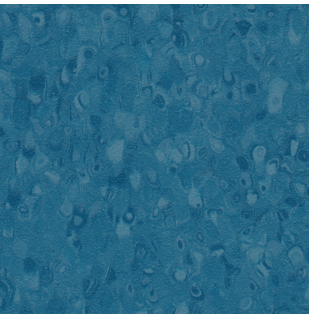
50072 | light peach 50073 | peach 50074 | dark peach



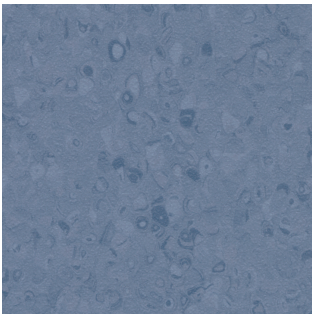
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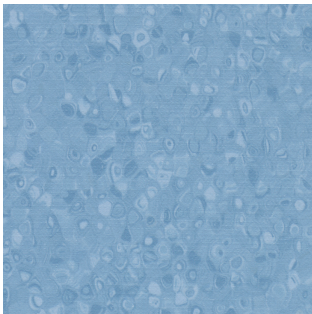
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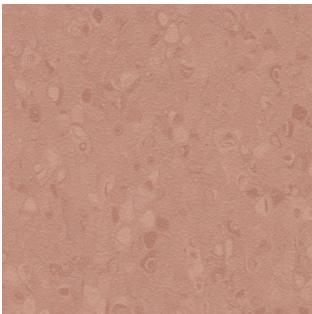
50081 | ocean LRV 13



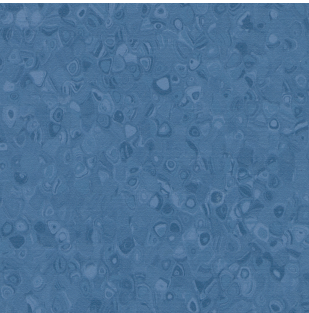
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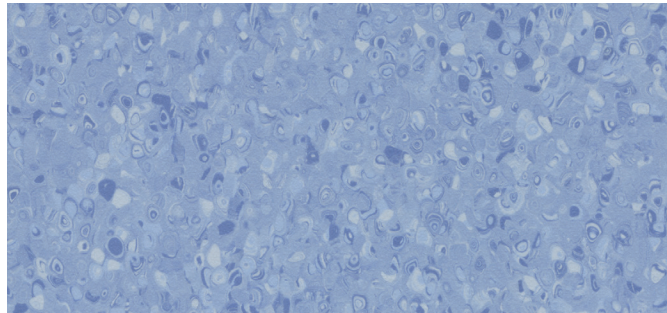
50037 | China blue LRV 36



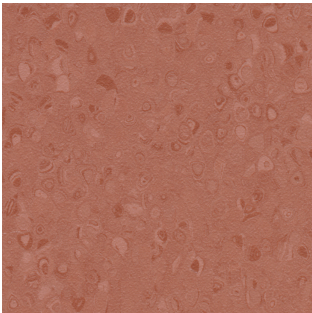
50074 | dark peach LRV 32



50038 | blueberry LRV 19




51037 | contrast China blue LRV 38




50075 | hibiscus LRV 18




Forbo's homogeneous flooring **technology**




Uniquely embossed surface for optimal performance




SMART top
Resists stains and scratches



Low emitting and 100% phthalate free



High LRV's and bright, saturated hues



Produced in a zero waste environment



Technical specifications

Sphera Element meets the requirements of EN ISO 10581



	Total thickness	EN ISO 24346	2.0 mm
	Surface finish		SMART top
	Binder content	EN ISO 10581	Type 1
	Collection size		52
	Domestic use	EN ISO 10874	Class 23
	Commercial use	EN ISO 10874	Class 34
	Light industrial use	EN ISO 10874	Class 43
	Roll width	EN ISO 24341	2.0 m
	Roll length	EN ISO 24341	≤ 27 m
	Total weight	EN ISO 23997	2900 g/m ²
	Dimensional stability <i>Typical value</i>	EN ISO 23999	≤ 0.4 % ~ 0.2 %
	Slip resistance (ramp test)	DIN 51130	R9
	Castor chair continuous use	ISO 4918	Pass
	Residual indentation <i>Typical value</i>	EN ISO 24343-1	≤ 0.10 mm ~ 0.03 mm
	Colour fastness to light	EN ISO 105-B02 method 3	≥ 7
	Indoor Air Emissions: TVOC after 28 days	EN 16516	≤ 0.01 mg/m ³
	Resistance to chemicals	EN ISO 26987	Very good
	Flexibility	EN ISO 24344	Ø 10 mm
	Use in wet areas	EN 13553	Yes
	Cleanroom particle emission	ISO 14644-1	ISO 4
	Bacteria resistance	EN ISO 846	Does not support growth
	Life Cycle Assessment	LCA is the foundation for securing the lowest environmental impact	
	Creating better environments		
	Indoor air quality	All products are tested for indoor air emissions in accordance with ISO 16000-9 after 3 days and 28 days.	
	SKA	Sphera Element meets SKA Rating criteria for M12 for soft floor coverings in office, retail and higher education schemes.	
	Renewable electricity	Sphera Element is manufactured using 100% electricity from renewable sources	
	Back to the Floor	Installation off cuts can be collected and recycled via Back to the Floor	

Sphera Element meets the requirements of EN 14041:2004



	Reaction to fire	EN 13501-1	B _{fl} ≤s1, L, CS
	Slip resistance	EN 13893	μ ≥ 0.30
	Thermal conductivity	EN 12524	0.25 W/mK
	Body voltage	EN 1815	≤ 2.0 kV



All Forbo Flooring Systems' sales organisations worldwide have a certified Quality Management System in accordance with ISO 9001. All Forbo Flooring Systems' manufacturing operations have a certified Environmental Management System in accordance with ISO 14001. The Life Cycle Assessment (LCA) of Forbo Flooring Systems' products is documented in individual Environmental Product Declarations (EPDs) which can be found on all of our websites.

BREEAM ratings
Sphera Element

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

UK

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