SPHERA HOMOGENEOUS VINYL

Forbo Sphera is setting new standards in homogeneous vinyl flooring. It is produced in our brand new manufacturing plant where all the latest insights and technology have been used to create smart and innovative solutions. The result: a premium homogeneous vinyl floor covering!

Our Sphera flooring adds character and style to floors across numerous applications. Whether in demanding, hygienic healthcare environments, in flexible, multi-purpose modern public buildings or in education facilities and offices where durability and colour are key.

Design & colour

- A new technology delivers bright and saturated hues, resulting in striking colourtones, many with high light reflection values (LRV)
- Sphera offers a balanced palette of 62 colours that coordinates well with other Forbo floor coverings like Marmoleum and textile flooring.

Technology & sustainability

- State of the art steel-belt press and thermofix technology provide consistent quality
- Green energy and zero waste technology ensure efficient and sustainable manufacturing
- Sphera can contribute to a healthy indoor environment by phtalate free manufacturing & low emissions

Performance & durability

- A unique embossing process following lacquer application delivers durable performance
- In-line coating and subsequent embossing process provides superior appearance
- The evenly distributed top-layer provides superior all over protection
- The SMART-top surface finish ensures that Sphera has a high resistance to chemicals, scratches and stains
- Sphera achieves the highest abrasion wear rating group T tested to EN660-2



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Forbo Sphera is setting new standards in homogeneous vinyl flooring because of its design, technology and performance. Sphera Element offers a 62 fresh, light and contemporary colour palette which adds a sophistication to floor design. The collection includes warm and cool neutrals which complement interior finishes such as wood and stone along with pastels and bright accent colours for areas requiring way-finding or zoning.

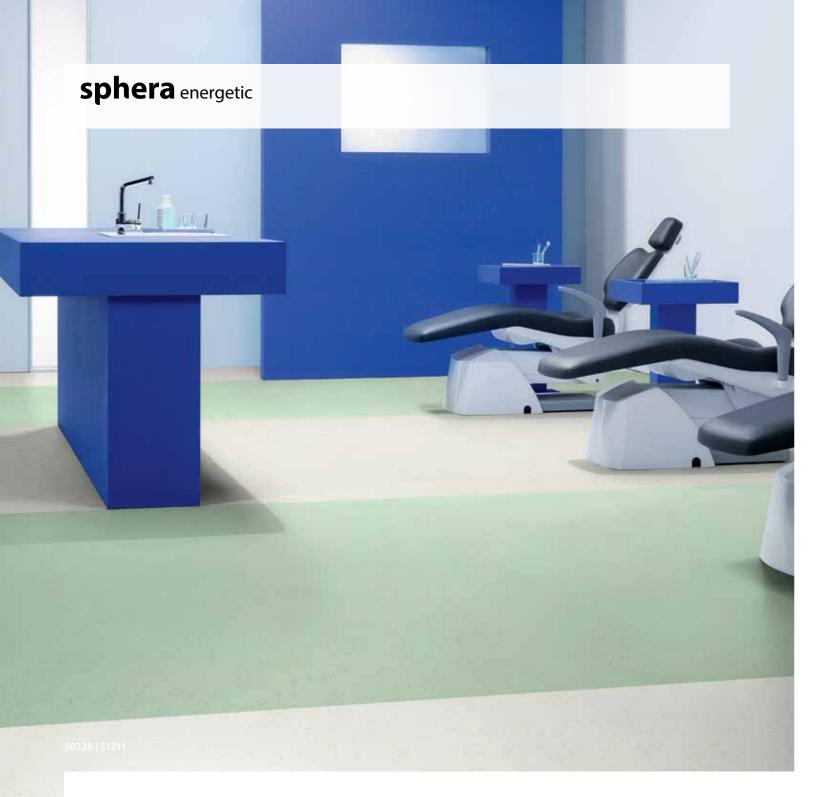


136 Sphera Element Sphera Element



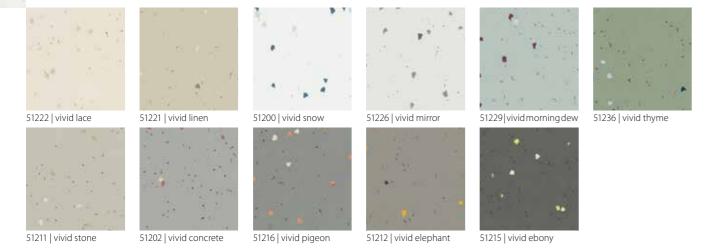


138 Sphera Element 139

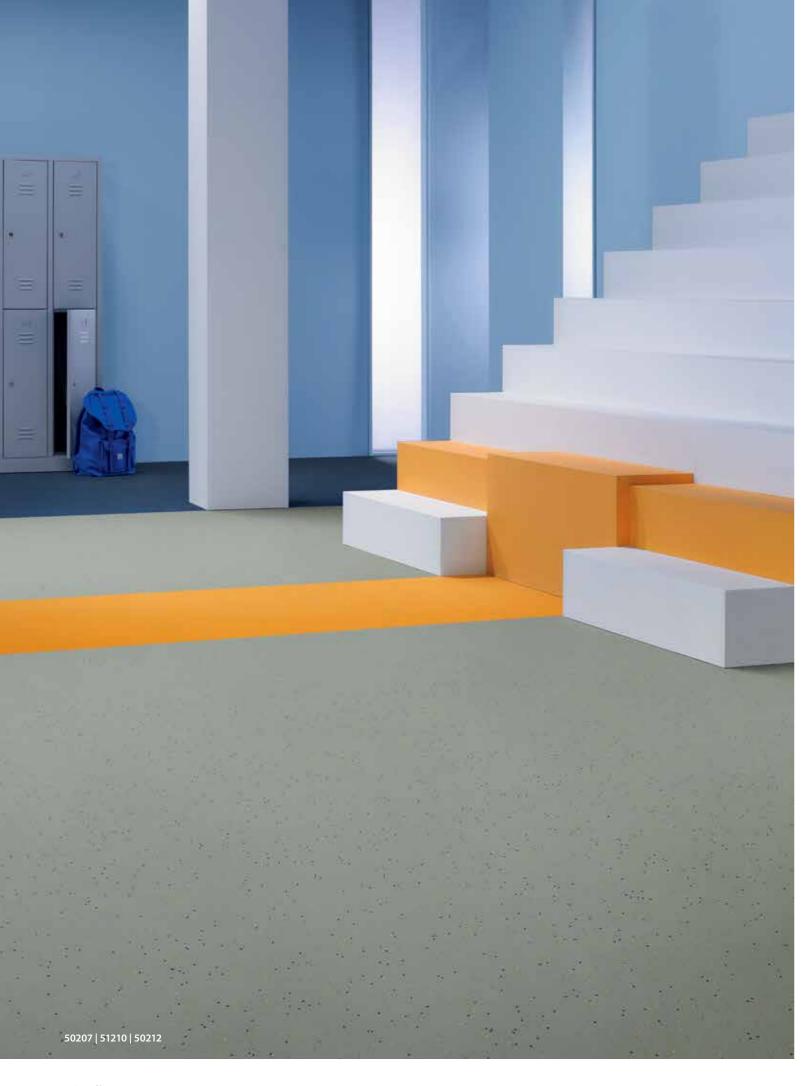


Sphera homogeneous vinyl floor coverings add character and style to floors across numerous applications. Sphera Energetic has the thrilling sensation of crossing design boundaries, making homogeneous vinyl look different. Energetic offers an intricate pallet of semi plain and larger particle-mix colours. Transparent granules provide for depth and dirt hiding properties. Sphera Energetic is playful and designed to combine with corresponding visuals with vivid highlights. The palette contains 41 solid colours and 11 matching colours with vivid accent chips.





Sphera Energetic 141



Technical specifications: **sphera**

Sphera element and energetic meets the requirements of EN-ISO 10582

		element	energetic
Binder content	EN-ISO 10581	type 1	type 1
Total thickness	EN-ISO 24346	2.0 mm	2.0 mm
Surface finish		SMART top	SMART top
Collection size		62	52
Commercial use	EN-ISO 10874	34 very heavy	34 very heavy
Industrial use	EN-ISO 10874	43 heavy	43 heavy
Roll width	EN-ISO 24341	2 m	2 m
Roll length	EN-ISO 24341	± 25 m	± 25 m
Total weight	EN-ISO 23997	2.9 kg/m ²	2.9 kg/m²
Dimensional stability	EN-ISO 23999	< 0.2 %	< 0.2 %
Residual indentation	EN-ISO 24343-1	≤ 0.10 mm, typical value ~ 0.03	≤ 0.10 mm, typical value ~ 0.03
Abrasion resistance	EN 660-2	group T	group T
Castor chair continuous use	ISO 4918 / EN 425	pass	pass
Light fastness	ISO 105-B02	≥ 6	≥ 7
Flexibility	EN-ISO 24344	ø 10 mm	ø 10 mm
Resistance to chemicals	EN-ISO 26987	very good	very good
Slip resistance	DIN 51130	R10	R9
Wetroom application		yes	yes
Application on underfloor heating		yes	yes
TVOC after 28 days	ISO 16000-6	≤ 10 µg/m³	≤ 10 µg/m³
		EN 14041	EN 14041
Sphera element and energetic meets the requirements of EN 14041		C € 0200103-DoP-605	€ 0200103-DoP-605
Reaction to fire	EN 13501-1	B _n -s1	B _n -s1
Slip resistance	EN 13893	DS - µ ≥ 0.30	DS - µ ≥ 0.30
Body voltage	EN 1815	≤ 2 kV	≤ 2 kV
Thermal conductivity	EN 12524	0.25 W/m⋅K	0.25 W/m·K

Technical Specifications Sphera 143