



Homogeneous Vinyl

sphera[®] elite



27 x 2 m

creating better environments



FLOORING SYSTEMS



sphera® elite

SOPHISTICATED. DURABLE. PERFORMANCE.

Ready for any challenge

Forbo's premium homogeneous vinyl collections under our Sphera brand are created to deliver a diverse, high performance design offering. Developed by our in-house European design team using the latest production technology, Sphera is suitable for use in a variety of application areas, adding style to every project where the ability to withstand heavy traffic and providing a healthy and hygienic solution are key.

The SMART-top surface protection provides excellent stain and scratch resistance properties with superior appearance retention, ensuring the floor looks good and performs well for years to come.

Innovative design

Sphera Elite has a sophisticated appearance through its subtle reference to natural materials, and it's organic pattern will transform any public space into an inviting place. Sphera Elite guarantees performance thought its lifetime with its forgiving design and extremely durable and lightweight construction. Whether in demanding healthcare environments, flexible multi-purpose modern public buildings, education facilities or offices, Sphera Elite offers a durable and innovative solution.

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 premium homogeneous sheet vinyl is reused in Forbo's other premium products. Sphera is phthalate free and produced with 100% renewable electricity, with minimal impact on the environment.

Sophisticated, organic design.

Calming and reconnecting to nature.

Creating a sense of ease in any commercial interior.

Designed to last, even in the most demanding of environments.

DESIGN COLOUR

- A subtle blend of soft, organic shapes and calming colours.
- Metallic traces of gold, chrome or copper for a subtle yet sophisticated design.
- Colour coordinated with other Forbo sheet vinyl ranges, such as Eternal and Step.
- Non-directional design.

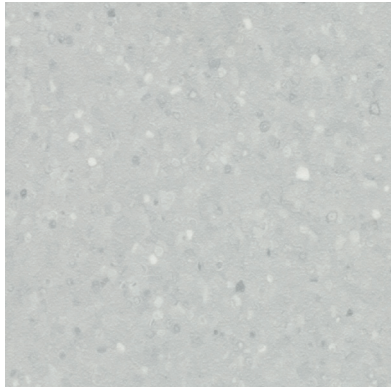
PERFORMANCE DURABILITY

- Balanced new product development with high PVC and low filler content, resulting in the highest quality product and lasting performance.
- SMART-top finish specifically designed for enhanced cleanability and ability to withstand heavy use.
- Increased flexibility and lower weight to allow for easy fitting and coving.
- Excellent stain resistant surface treatment and high quality scratch resistant properties.

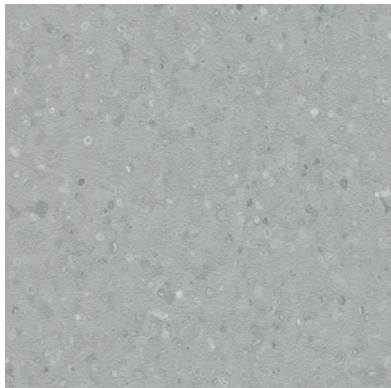
TECHNOLOGY SUSTAINABILITY

- 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.
- Carefully selected raw materials offer possibilities for re-use after end of life.
- Low energy and water use thanks to the efficient state-of-the-art production process.

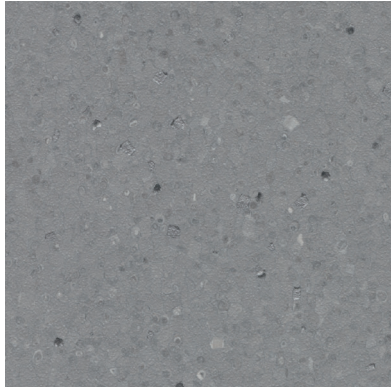




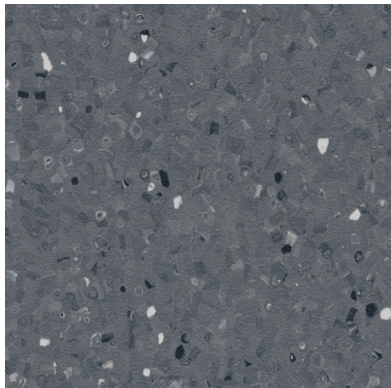
50480 | selenite LRV 55



50481 | seiryu LRV 40



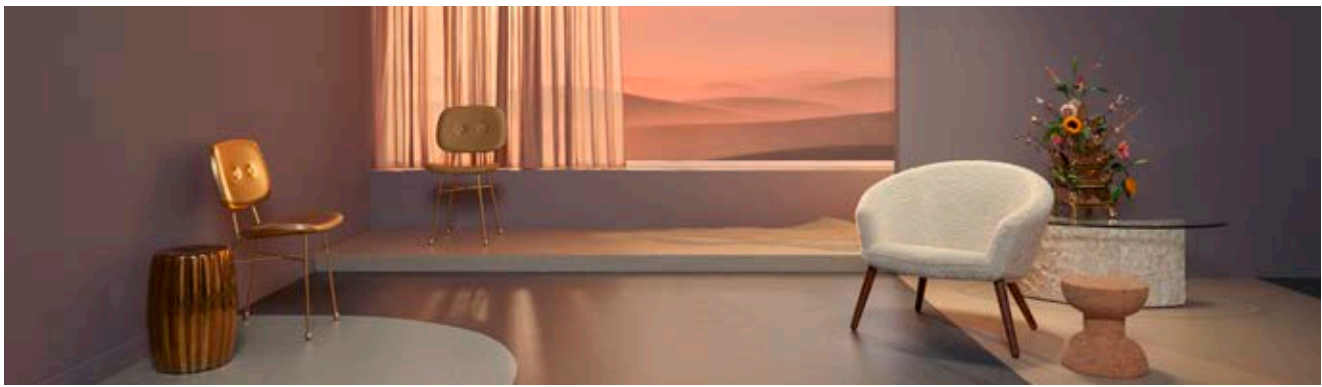
50483 | hematite LRV 25



50482 | smokey quartz LRV 14



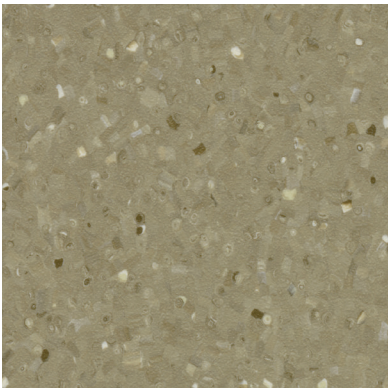
50489 | pyrite LRV 13



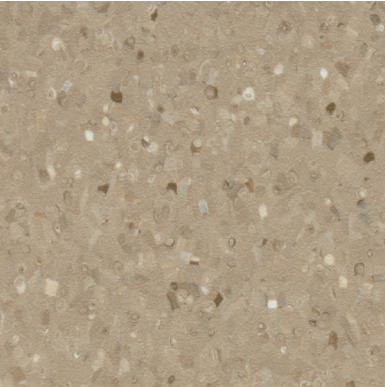
50484 | coquina 50489 | pyrite 50488 | brown topaz



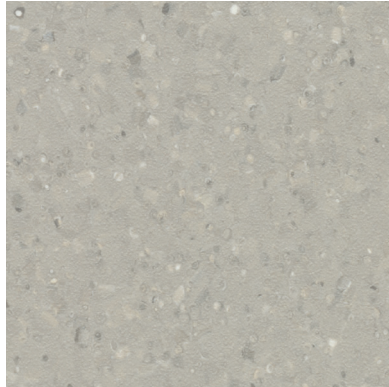
50486 | sardonyx LRV 50



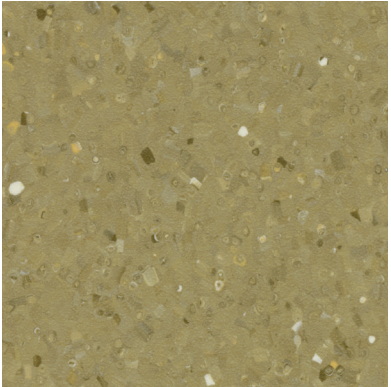
50490 | enstatite LRV 29



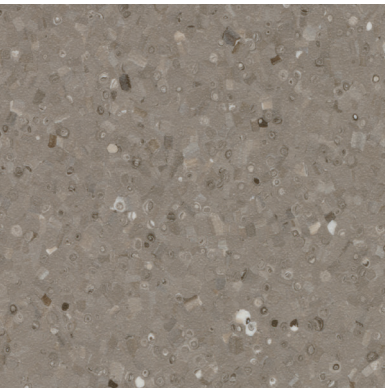
50488 | brown topaz LRV 35



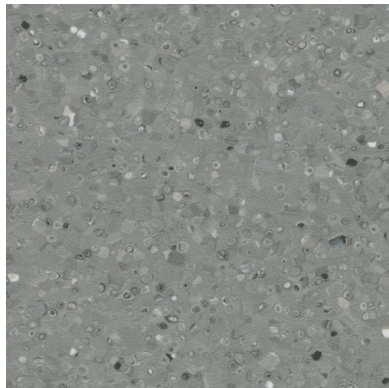
50484 | coquina LRV 44



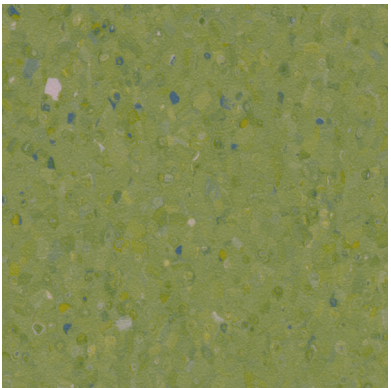
50491 | citrine LRV 27



50487 | axinite LRV 26



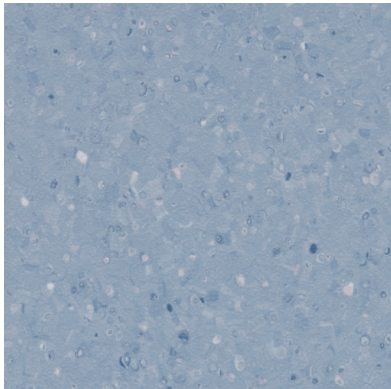
50485 | obsidian LRV 27



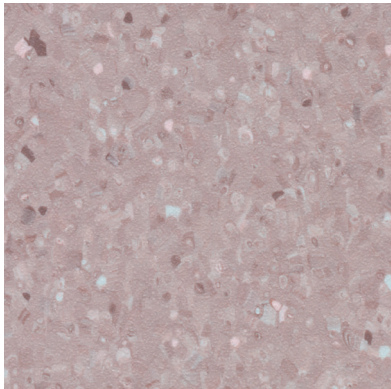
50493 | iris agate LRV 25



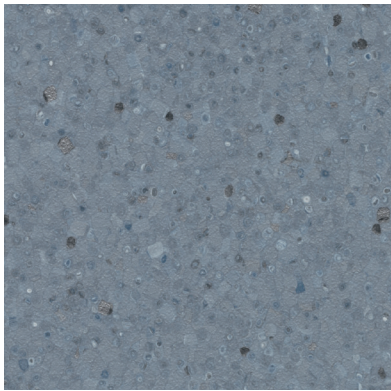
50497 | zircon 50495 | purple fluoride 50496 | kyanite



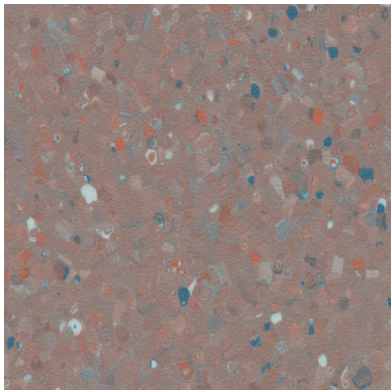
50496 | kyanite LRV 35



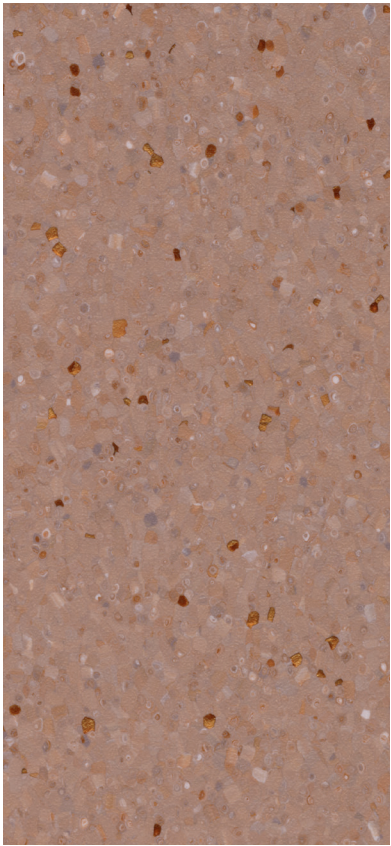
50494 | sugilite LRV 37



50492 | jadeite LRV 27



50495 | purple fluoride LRV 24





























50497 | zircon LRV 27

Technical specifications

Sphera Elite 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		18
	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	2750 g/m²
	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/m³
	Resistance to chemicals	EN ISO 26987	Very good
	Flexibility	EN ISO 24344	Ø 10 mm
	Use in wet areas	EN 13553	Yes
	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		
	Renewable electricity	Sphera Elite 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	
	SKA	Sphera Elite meets SKA Rating criteria for M12 for soft floor coverings in office, retail and higher education schemes.	
Sphera Elite meets the requirements of EN 14041:2004			
<div>EN 14041 CE 0200301-DoP-605</div>			
	Reaction to fire	EN 13501-1	B _{f1} 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 (EPD's) which can be found on all of our websites.

BREEAM ratings Sphera Elite

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

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