



Homogeneous Vinyl

**sphera<sup>®</sup>** essence



27 x 2 m

creating better environments



FLOORING SYSTEMS





# sphera<sup>®</sup> essence

## *Innovative, premium homogeneous vinyl*

Forbo's premium homogeneous vinyl collections under the brand Sphera have a diverse and fit for purpose design offer, developed by our European design team, to ensure that Sphera can add style to every project.

All Sphera collections are carefully created with different application areas in mind, providing a healthy and hygienic solution, using the latest production technology.

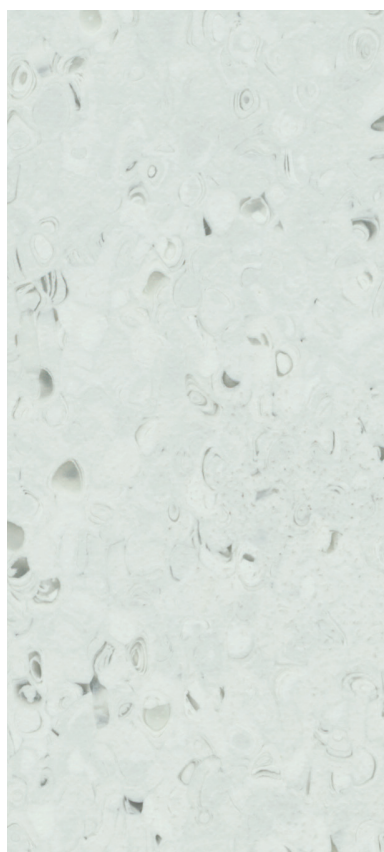
The visual of Sphera Essence is developed with a new variation of recipe and process settings.

This has resulted in a unique visual that refers to a granite-stone look with transparent particles for depth and contrast. The colour range of 18 items exists of neutral and natural tones supported by fresh accent colours.

- From initial concept Sphera has been developed to avoid unnecessary waste and minimize energy and raw material use. All waste is reused in other premium products from Forbo Flooring Systems without impacting the quality of these products. The recycled content in Sphera Essence is a residue from another industry, put to good use in this high quality floorcovering.

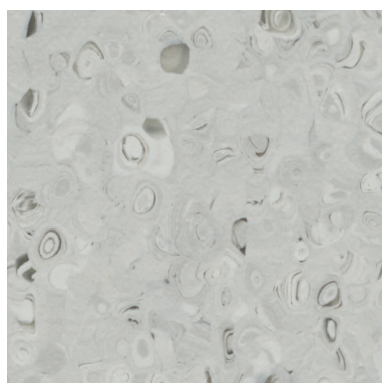
Sphera Essence is produced with 100% green electricity with minimal impact on the environment.





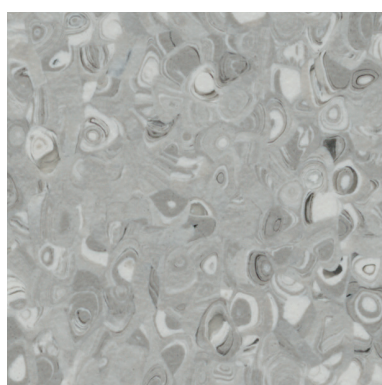
**50512** | paper

LRV 71%



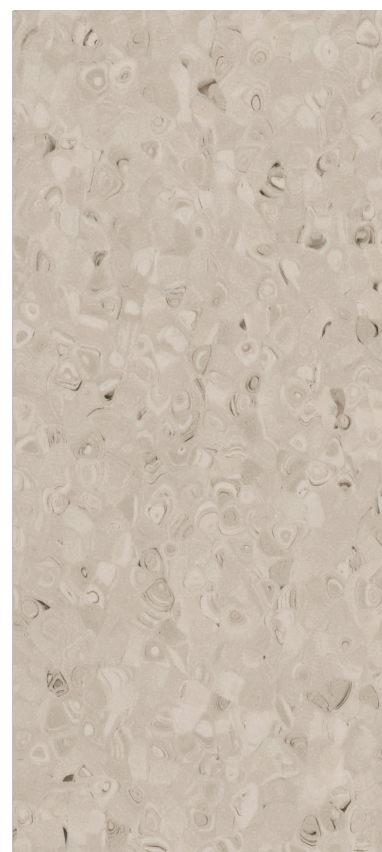
**50502** | ash

LRV 53%



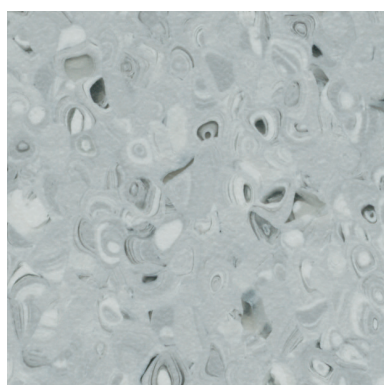
**50501** | dawn

LRV 41%



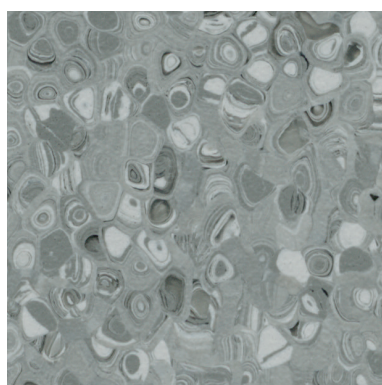
**50525** | canvas

LRV 48%



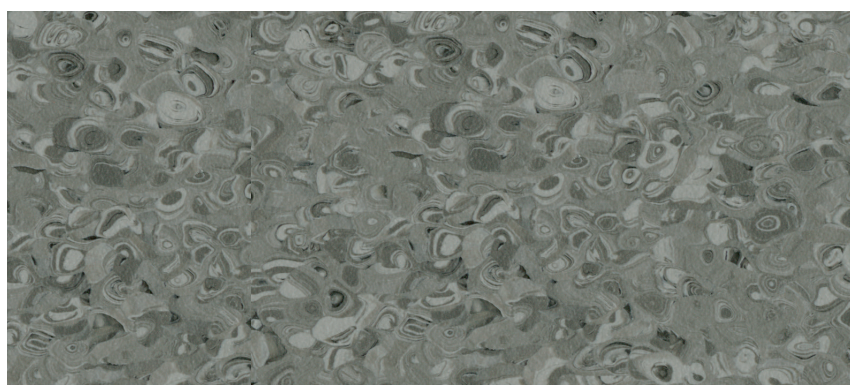
**50513** | fog

LRV 50%



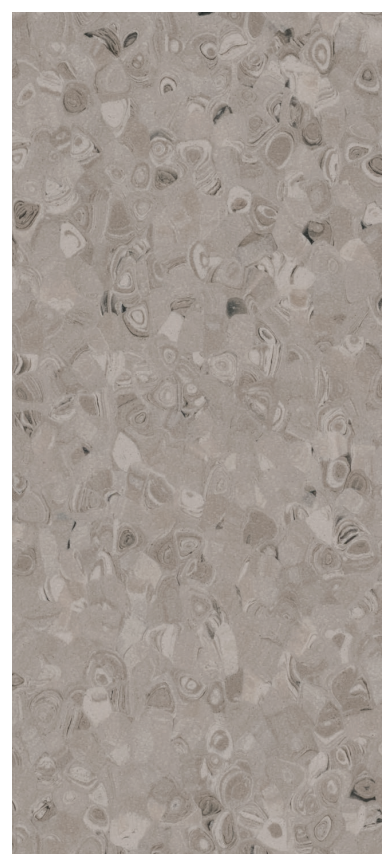
**50503** | shark

LRV 30%



**50514** | charcoal

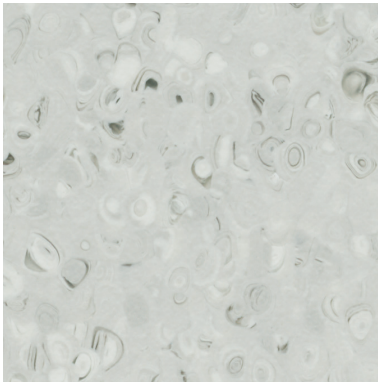
LRV 18%



**50526** | clay

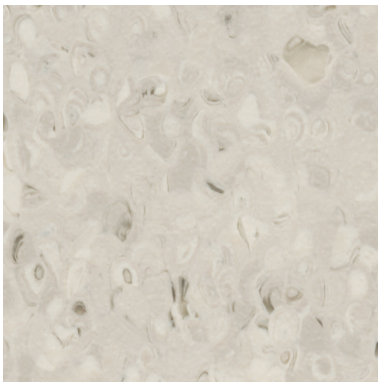
LRV 29%





**50511** | trout

LRV 62%

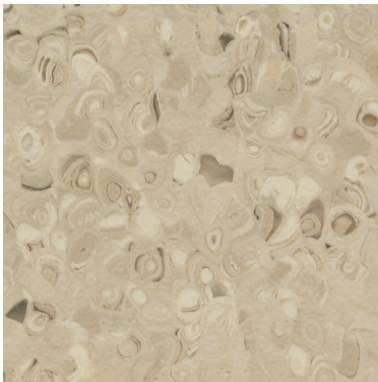


**50500** | limestone

LRV 62%

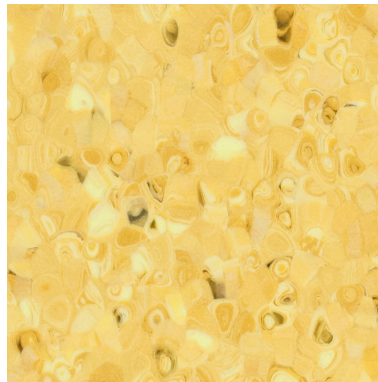


**50513** | fog **50529** | pale green



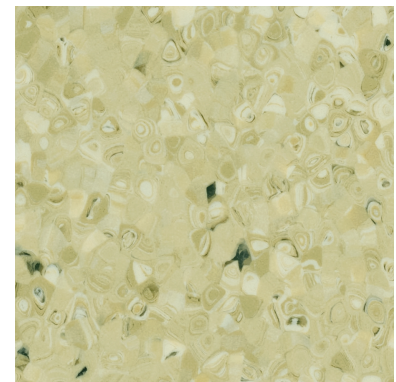
**50504** | biscuit

LRV 48%



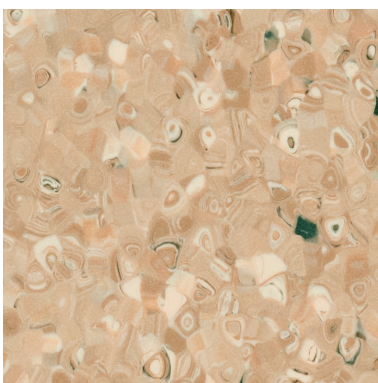
**50528** | sunlight

LRV 54%



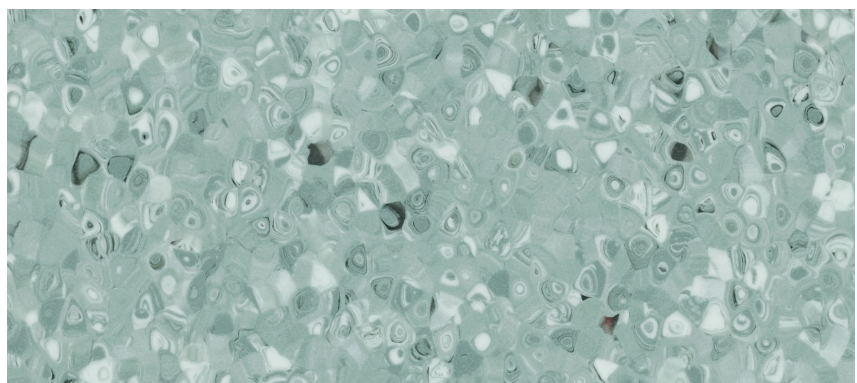
**50529** | pale green

LRV 53%



**50527** | hop

LRV 46%



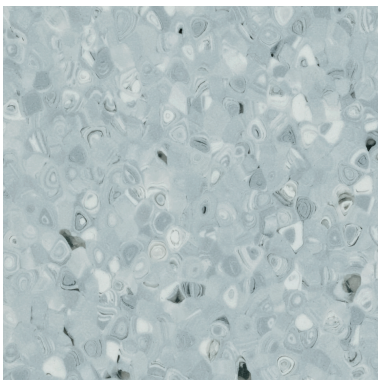
**50530** | sea green

LRV 42%



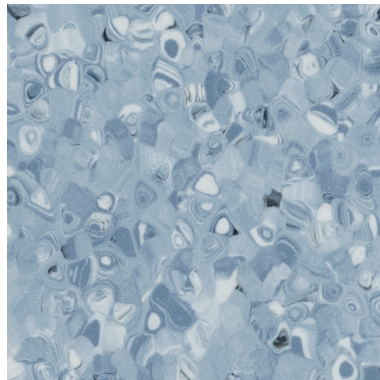


50531 | gentle sky 50525 | canvas



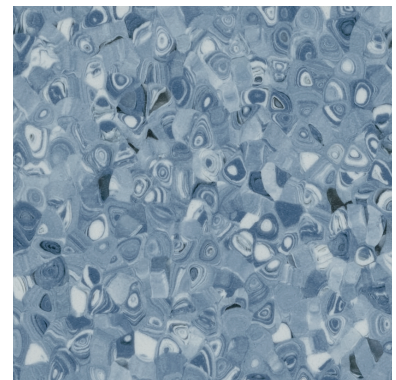
50531 | gentle sky

LRV 52%



50532 | cloud

LRV 41%

























50533 | night

LRV 31%







# Technical specifications

Sphera Essence meets the requirements of EN ISO 10581

	Total thickness	EN ISO 24346	2.0 mm
	Surface finish		SMART top
	Wear layer binder content	EN ISO 10582	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	2800 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	ISO 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 846	Does not support growth
	Life Cycle Assessment	LCA is the foundation for securing the lowest environmental impact	
	Creating better environments		
	Renewable electricity	Sphera Essence is manufactured using 100% electricity from renewable sources	
	Recycled content (mass)		29%

Sphera Essence meets the requirements of EN 14041

EN 14041  
**CE**  
0200301-DoP-605

	Reaction to fire	EN 13501-1	B <sub>s</sub> -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.



Find us on



creating better environments

## Other Countries

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