



Homogeneous Vinyl

sphera[®] element



27 x 2 m

creating better environments

forbo

FLOORING SYSTEMS



Health is precious.

Indoor safety and hygiene is crucial.

Feel comfortable with a floor designed with the complete users' well-being in mind.

DESIGN COLOUR

- A complete offer of colours for all requirements, including many colours with high LRV values, supporting the user experience in sufficiently light indoors.
- New designs with excellent dirt hiding and scratch resistant properties.
- Colour coordinated with Forbo's Under Control portfolio for controlled environments and other functional Forbo ranges.

PERFORMANCE DURABILITY

- SMART-top finish specifically designed for easy cleaning & maintenance with high quality scratch resistant properties.
- Resistant to commonly used disinfectants for personal care & health cure environments, prohibiting bacteria growth.
- Approved for use in cleanrooms up to ISO class 4 by the Fraunhofer Institute.

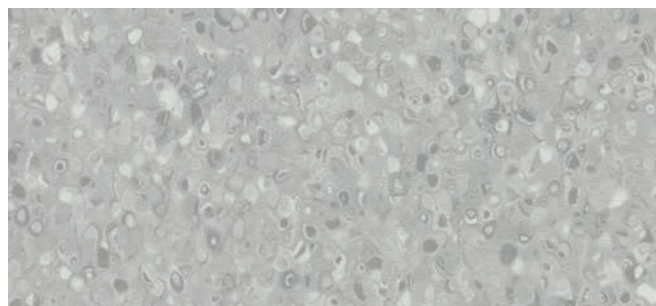
TECHNOLOGY SUSTAINABILITY

- Low emissions & phthalate free manufacturing contribute to a healthy indoor environment.
- Low energy and water use thanks to the efficient state-of-art production process.
- Carefully selected raw materials to offer possibilities for re-use after end of life.
- GreenTag GreenRate Level A certified.

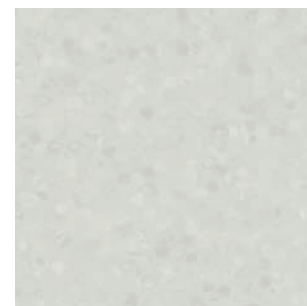




50062 | storm grey LRV 59%



51004 | contrast mid grey LRV 51%



50000 | white LRV 72%



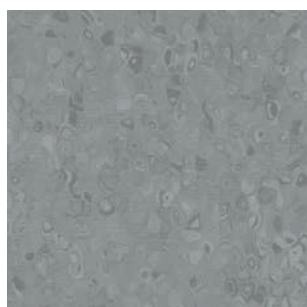
50008 | silver grey LRV 47%



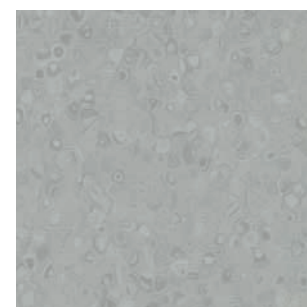
50068 | hay **51005** | contrast dark grey **50008** | silver grey



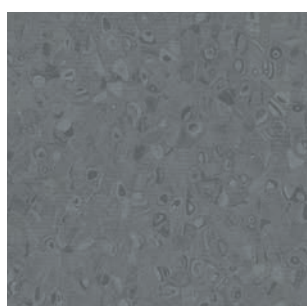
50003 | light neutral grey LRV 53%



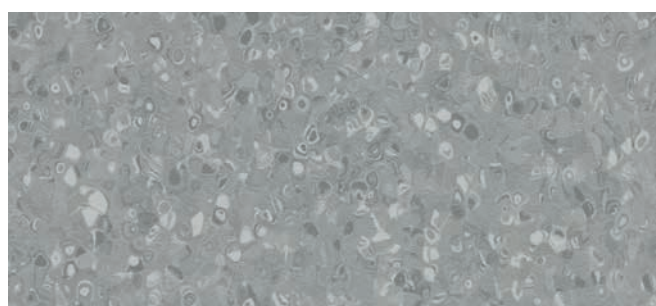
50009 | lead LRV 27%



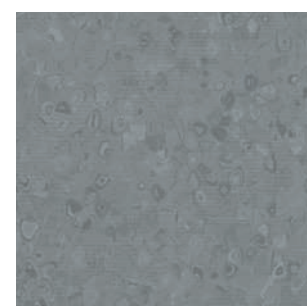
50004 | mid neutral grey LRV 36%



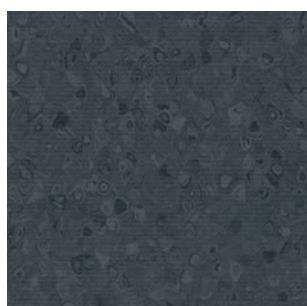
50010 | iron LRV 17%



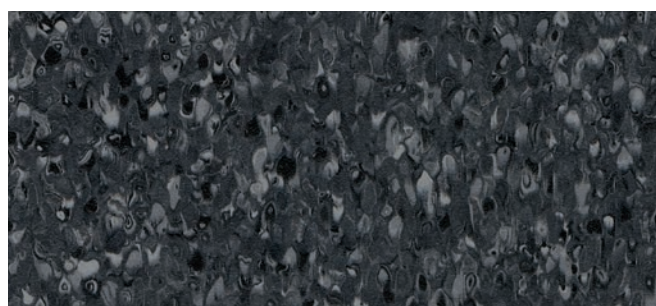
51005 | contrast dark grey LRV 32%



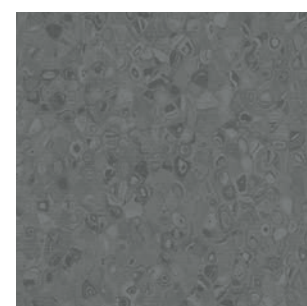
50005 | dark neutral grey LRV 24%



50011 | steel LRV 10%



51001 | contrast black LRV 8%



50006 | anthracite LRV 15%



50017 | ivory

LRV 62%



50022 | shell

LRV 70%



50023 | sand

LRV 53%



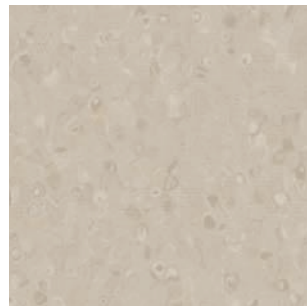
51018 | contrast mortar

LRV 49%



50028 | greige

LRV 47%

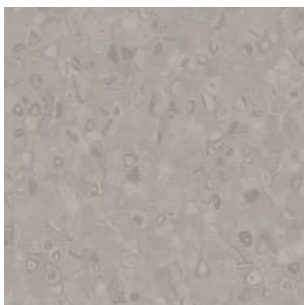


50018 | mortar

LRV 49%

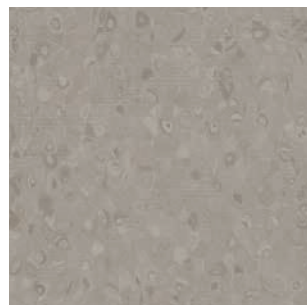


51018 | contrast mortar **50017** | ivory **50024** | stone



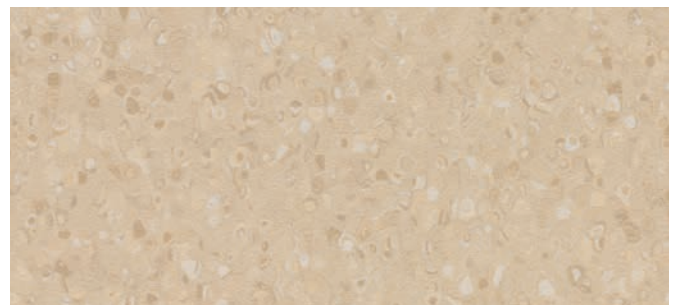
50029 | taupe

LRV 34%



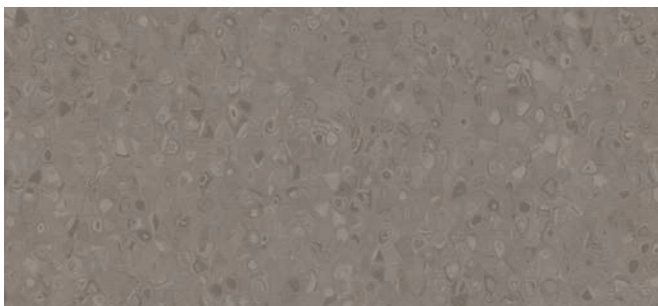
50019 | clay

LRV 36%



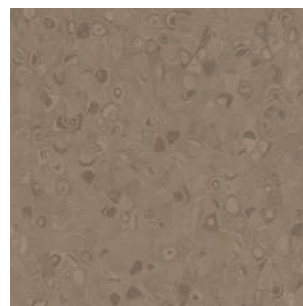
51023 | contrast sand

LRV 51%



50020 | silt

LRV 23%



50025 | earth

LRV 23%



50024 | stone

LRV 38%



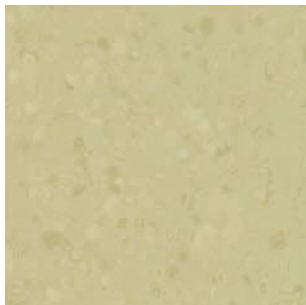
50063 | white moss

LRV 65%



50076 | pastel kelp

LRV 66%



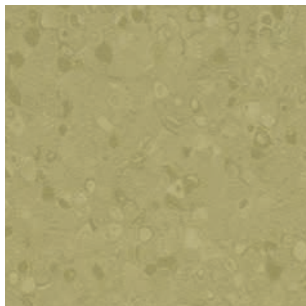
50064 | light moss

LRV 50%



50067 | straw

LRV 71%



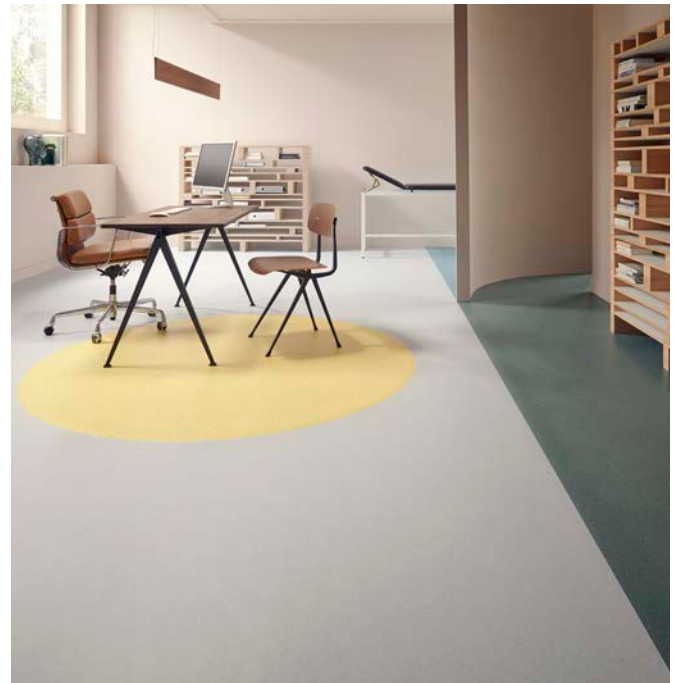
50065 | moss

LRV 38%

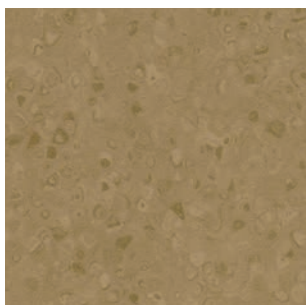


50068 | hay

LRV 47%

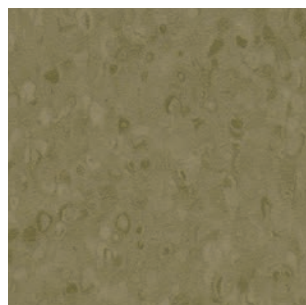


50080 | reef green **51054** | contrast amber **50079** | lagoon **50078** | dark kelp



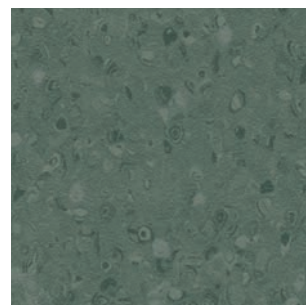
50066 | flax

LRV 27%



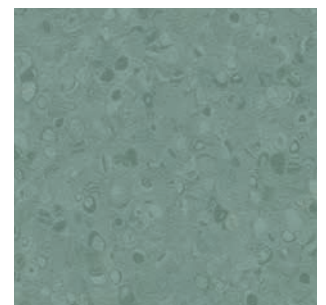
50069 | dark moss

LRV 21%



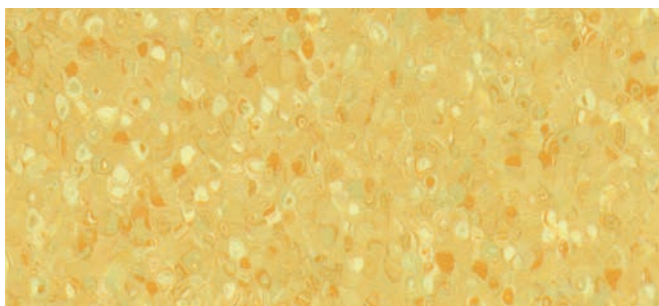
50078 | dark kelp

LRV 16%



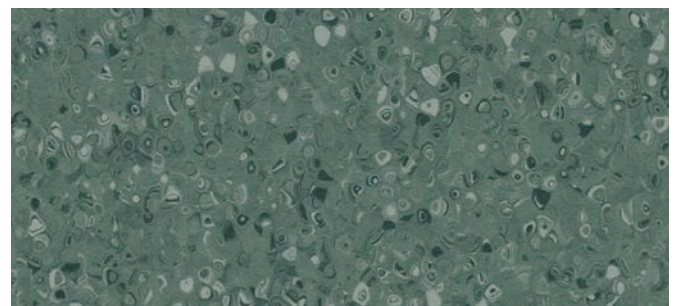
50077 | kelp

LRV 28%



51054 | contrast amber

LRV 54%



51078 | contrast kelp

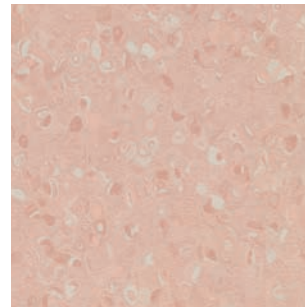
LRV 17%



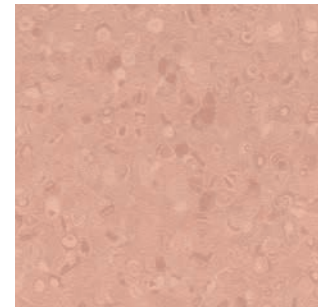
50007 | grey sky LRV 63%



50072 | light peach LRV 62%



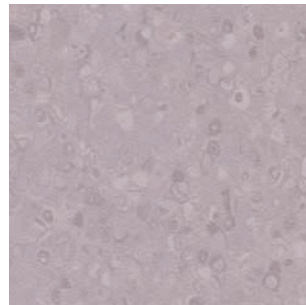
51073 | contrast peach LRV 45%



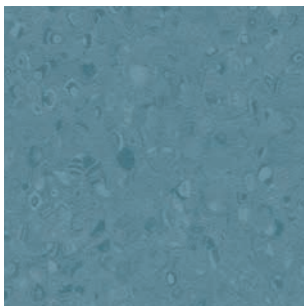
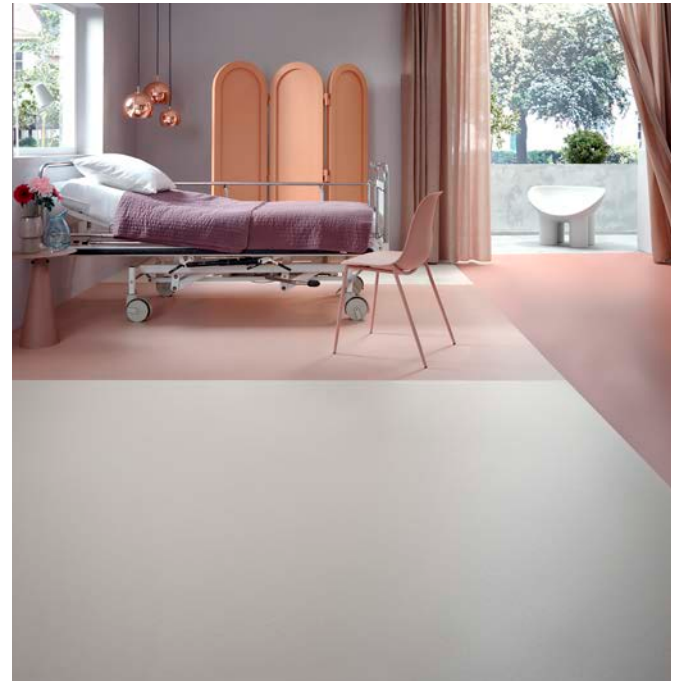
50073 | peach LRV 41%



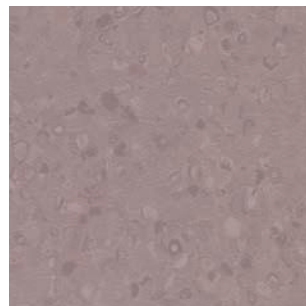
50079 | lagoon LRV 51%



50070 | soft violet LRV 47%

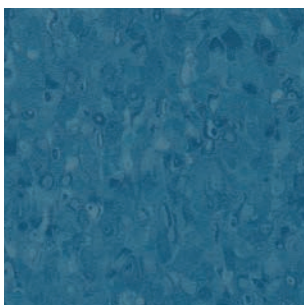


50080 | reef green LRV 24%

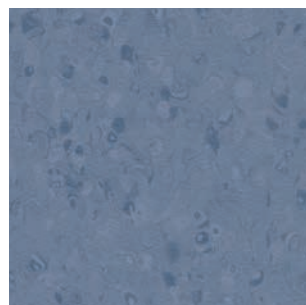


50071 | violet LRV 27%

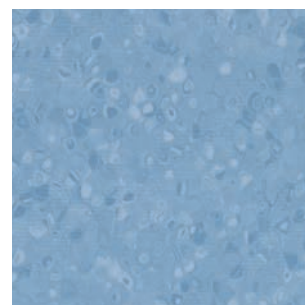
50072 | light peach **50073** | peach **50074** | dark peach



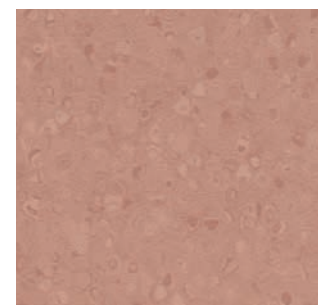
50081 | ocean LRV 13%



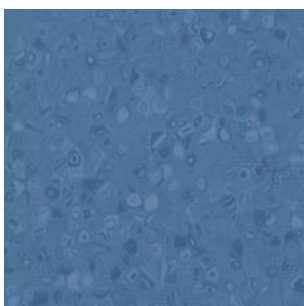
50082 | lavender grey LRV 23%



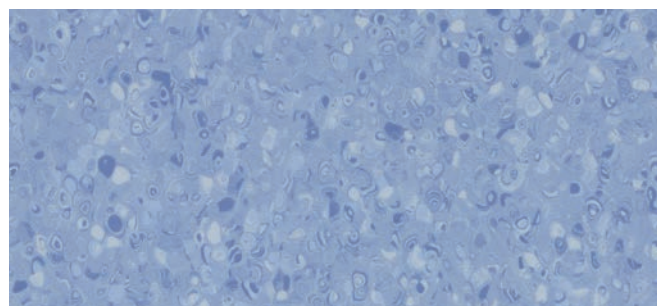
50037 | China blue LRV 36%



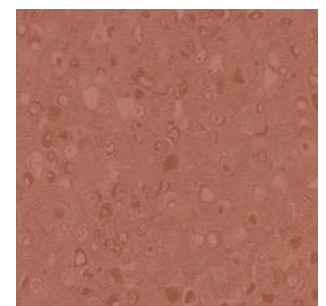
50074 | dark peach LRV 32%



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



sphera® element

THE MOST COMPLETE OFFER IN PREMIUM HOMOGENEOUS VINYL

Fit for purpose

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 developed with different application areas in mind, providing a healthy and hygienic solution, using the latest production technology.

Infinite choice

Sphera Element is recognized to offer the most complete colour proposition in the market. With a wide range of subtle and soft neutrals and contrasting tones, Element is ideal for use in areas where the floor is required to blend with the environment. The carefully selected outspoken pastels and bright accent colours are ideal for areas requiring zoning or to create an authentic and welcoming interior.

Creating better environments

From initial concept Sphera has been developed to avoid any unnecessary waste and minimize energy and raw material use. Sphera is a premium quality homogeneous vinyl through and through. All waste is reused in other premium products from Forbo Flooring Systems without impacting the quality of these products. It is produced with 100% green electricity with minimal impact on the 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/m²
	Dimensional stability <i>Typical value</i>	EN ISO 23999	≤ 0.4 % ~ 0.2 %
	Slip resistance (ramp test)	AS 4586:2013	R10
	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
	Cleanroom particle emission	ISO 14644-1	ISO 4
	Life Cycle Assessment	LCA is the foundation for securing the lowest environmental impact	
	Creating better environments		
	Renewable electricity	Sphera Element is manufactured using 100% electricity from renewable sources	

Sphera Element meets the requirements of EN 14041:2004



	Reaction to fire	ISO 9239-1	CRF: 9.2 kW/m ² / Smoke: 136%.min
	Reaction to fire walls	AS 5637.1	Group 3
	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.



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