

# 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 phthalate 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

## Forbo's homogeneous flooring **technology**



Uniquely embossed surface for optimal performance



**SMART top**  
Resists stains and scratches



High LRV's and bright, saturated hues



Low emitting and 100% phthalate free



Produced in a zero waste environment

# sphera element



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.

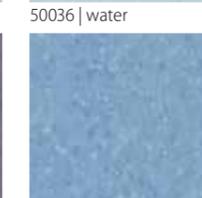
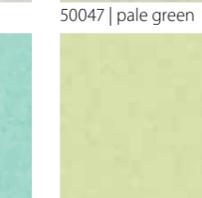
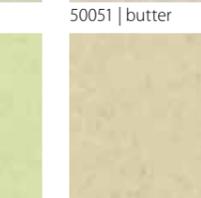
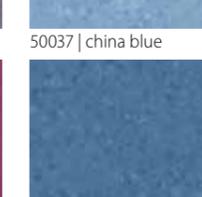
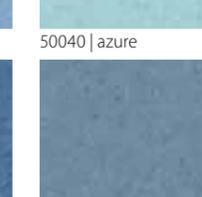
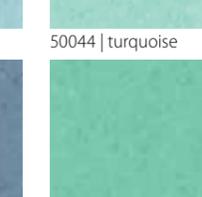
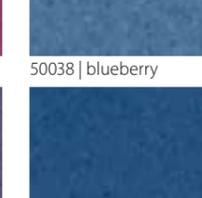
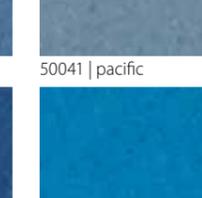
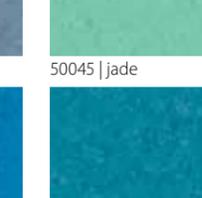
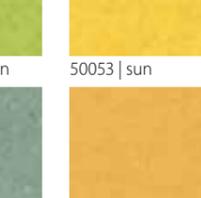
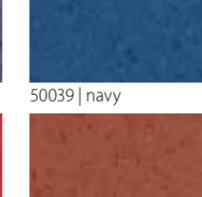
50002   white neutral grey	50007   grey sky	50012   mist	50017   ivory	50022   shell	50027   fog
50003   light neutral grey	50008   silver grey	50013   smog	50018   mortar	50023   sand	50028   greige
50004   mid neutral grey	50009   lead	50014   smoke	50019   clay	50024   stone	50029   taupe
50005   dark neutral grey	50010   iron	50015   basalt	50020   silt	50025   earth	50030   moleskin
50006   anthracite	50011   steel	50016   ash	50021   truffle	50026   mud	50031   coal

50018 | 50025

**sphera** element



50045 | 50000

					
50032   soft lilac	50036   water	50043   cloud	50000   white	50047   pale green	50051   butter
					
50033   dimgray	50037   china blue	50040   azure	50044   turquoise	50048   pistachio	50052   custard
					
50034   amethyst	50038   blueberry	50041   pacific	50045   jade	50049   yellow green	50053   sun
					
50035   purple heart	50039   navy	50042   cerulean	50046   teal	50050   olive	50054   amber
					
50058   carmine	50061   saddle brown	50060   terra	50056   cedar	50059   sahara	50055   powder
					
50057   tangerine	50001   black				

# sphera energetic



50238 | 51211



51222 | vivid lace  
51221 | vivid linen  
51200 | vivid snow  
51226 | vivid mirror  
51229 | vivid morning dew  
51236 | vivid thyme  
51211 | vivid stone  
51202 | vivid concrete  
51216 | vivid pigeon  
51212 | vivid elephant  
51215 | vivid ebony

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.



50200 | snow  
50230 | polar  
50222 | lace  
50208 | almond  
50221 | linen  
50211 | stone  
50226 | mirror  
50205 | inox  
50229 | morning dew  
50223 | frost  
50233 | swedish grey  
50236 | thyme  
50218 | spearmint  
50220 | mineral  
50238 | sea green  
50213 | spring  
50214 | lime  
50201 | yellow  
50239 | ice  
50217 | mystic blue  
50204 | deep sea  
50235 | deep emerald  
50207 | denim  
50240 | Yves Klein blue  
50234 | lilac  
50231 | rosebud  
50210 | mandarin  
50227 | safflower  
50228 | burgundy  
50232 | eggplant  
50237 | mushroom  
50209 | nutmeg  
50219 | dolphin  
50224 | fossil  
50206 | bark  
50225 | masala  
50202 | concrete  
50216 | pigeon  
50212 | elephant  
50215 | ebony  
50203 | pitch black

PROJECT VINYL



## Technical specifications: **sphera**

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

		<b>element</b>	<b>energetic</b>
	Binder content	EN-ISO 10581	type 1
	Total thickness	EN-ISO 24346	2.0 mm
	Surface finish		SMART top
	Collection size		62
	Commercial use	EN-ISO 10874	34 very heavy
	Industrial use	EN-ISO 10874	43 heavy
	Roll width	EN-ISO 24341	2 m
	Roll length	EN-ISO 24341	± 25 m
	Total weight	EN-ISO 23997	2.9 kg/m <sup>2</sup>
	Dimensional stability	EN-ISO 23999	< 0.2 %
	Residual indentation	EN-ISO 24343-1	≤ 0.10 mm, typical value ~ 0.03
	Abrasion resistance	EN 660-2	group T
	Castor chair continuous use	ISO 4918 / EN 425	pass
	Light fastness	ISO 105-B02	≥ 6
	Flexibility	EN-ISO 24344	ø 10 mm
	Resistance to chemicals	EN-ISO 26987	very good
	Slip resistance	DIN 51130	R10
	Wetroom application		yes
	Application on underfloor heating		yes
	TVOC after 28 days	ISO 16000-6	≤ 10 µg/m <sup>3</sup>
			EN 14041
		0200103-DoP-605	0200103-DoP-605
	Sphera element and energetic meets the requirements of EN 14041		
	Reaction to fire	EN 13501-1	B <sub>s</sub> -s1
	Slip resistance	EN 13893	DS - µ ≥ 0.30
	Body voltage	EN 1815	≤ 2 kV
	Thermal conductivity	EN 12524	0.25 W/m-K