

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



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







Technical specifications: **sphera**

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

		element	energetic
	Binder content	EN-ISO 10581	type 1
	Total thickness	EN-ISO 24346	2.0 mm
	Surface finish	SMART top	SMART top
	Collection size	62	52
	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/m²
	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/m³

Sphera element and energetic meets the requirements of EN 14041

		EN 14041 CE 0200103-DoP-605	EN 14041 CE 0200103-DoP-605
	Reaction to fire	EN 13501-1	B _s -s1
	Slip resistance	EN 13893	DS - µ ≥ 0.30
	Body voltage	EN 1815	≤ 2 kV
	Thermal conductivity	EN 12524	0.25 W/m-K