

Technical specifications

Sphera SD | EC meet the requirements of EN-ISO 10581



		Sphera SD	Sphera EC
	Binder content	EN - ISO 10581	Type 1
	Total Thickness	EN - ISO 24346	2.0 mm
	Surface finish	SMART control # top	SMART control # top
	Collection size	14	13
	Commercial use	EN - ISO 10874	34 very heavy
	Light industrial	EN - ISO 10874	43 heavy
	Roll length	EN - ISO 24341	≤ 27 m ~ 26 m
	Roll width	EN - ISO 24341	2 m
	Total weight	EN - ISO 23997	2.9 kg/m ²
	Dimension stability <i>Typical value</i>	EN - ISO 23999	< 0.4% ~ 0.2%
	Electrostatics (general requirements)	IEC 61340-5-1	Compliant
	Electrical resistance	IEC 61340-4-5 ESD STM97.1	1 x 10 ⁶ ≤ R ≤ 10 ⁸ Ω
	Electrical resistance in combination with ESD control footwear	IEC 61340-4-5 ESD STM97.1	R ≤ 1 x 10 ⁹ Ω
	Body voltage generation, in combination with ESD control footwear <i>Typical value</i>	IEC 61340-4-5 ESD STM97.2	< 50 V ~ 0 V <> 30 V
	Electrical insulation to ground	DIN VDE 0100	≥ 50 kΩ
	Residual indentation <i>Typical value</i>	EN - ISO 24343-1	≤ 0.10 mm -0.03 mm
	Castor chair continuous use	ISO 4918 / EN 425	Pass
	Light fastness	EN - ISO 105 B-02	≥ 7
	Flexibility	EN - ISO 24344	ø 10mm
	Chemical resistance	EN - ISO 26987	Very good
	TVOC after 28 days	ISO 16000-6	≤ 0.01 mg/m ³
	Bacteria resistance	EN 846	Does not support growth
	Renewable electricity	Sphera is manufactured using 100% electricity from renewable sources.	
Sphera meets the requirement of EN 14014			
	Reaction to fire	ISO 9239-1	CRF: >4.5kW/m ² Smk Dvlp: <750%.min
	Thermal Conductivity	EN 12524	0.25 W/m.K
	Slip Resistance	AS 4586 : 2013	R10*
	Body voltage	EN 1815	≤ 2 kV
	Electrical behaviour – static dissipative	EN 1081	≤ 1 x 10 ⁹ Ω
	Electrical behaviour – conductive	EN 1081	n.a.



*Slip test result achieved in an independent laboratory on new sample.

On-site testing is variable and may not guarantee the same result. For sustainable slip a particle based floor must be used.

For the latest installation instructions and recommended adhesives please visit: www.forbo-flooring.com.au/installation

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.



For more information contact your Forbo representative or call 1800 224 471.