

Technical specifications

Sphera element meets the requirements of EN-ISO 10581



sphera® element sphera® energetic

	Binder content	EN-ISO 10581	type 1; binder > 55%	type 1; binder > 55%
	Total thickness	EN-ISO 24346	2.0 mm	2.0 mm
	Surface finish		SMART top	SMART top
	Collection size		62	52
	Commercial use	EN-ISO 10874	34 very heavy	34 very heavy
	Industrial use	EN-ISO 10874	43 heavy	43 heavy
	Roll width	EN-ISO 24341	2 m	2 m
	Roll length	EN-ISO 24341	≤ 25 m	≤ 25 m
	Total weight	EN-ISO 23997	2.9 kg/m ²	2.9 kg/m ²
	Dimensional stability	EN-ISO 23999	≤ 0.2 %	≤ 0.2 %
	Residual indentation Typical value	EN-ISO 24343-1	≤ 0.10 mm ~ 0.03 mm	≤ 0.10 mm ~ 0.03 mm
	Abrasion resistance	EN 660-2	group T	group T
	Castor chair continuous use	ISO 4918 / EN 425	pass	pass
	Light fastness	ISO 105-B02	≥ 6	≥ 6
	Flexibility	EN-ISO 24344	Ø 10 mm	Ø 10 mm
	Resistance to chemicals	EN-ISO 26987	very good	very good
	Slip resistance	AS 4586:2013	R10 - P3	R10 - P3
	Wetroom application		yes	yes
	Application on underfloor heating		yes	yes
	TVOC after 28 days	ISO 16000-6	≤ 10 µg/m ³	≤ 10 µg/m ³
	Renewable electricity	Sphera is manufactured using 100% electricity made from renewable sources		
	Life cycle assesment	Life cycle assessment LCA is the foundation for securing the lowest environmental impact		
	Sphera element meets the requirements of EN 14041	<small>EN 14041</small> <small>0200301-DaP-605</small>		
	Reaction to fire	AS 9239-1	CRF >8kw/m ² Smoke Dvlp <750% min	CRF >8kw/m ² Smoke Dvlp <750% min
	Bacteria resistance	EN 846	Does not support growth	Does not support growth
	Body voltage	EN 1815	≤ 2 kV	≤ 2 kV
	Thermal conductivity	EN 12524	0.25 W/m-K	0.25 W/m-K

Our recommended adhesive for the Sphera collection is 540 Eurosafe Special or 640 Eurostar Special. Please contact customer services for more information.

All Forbo Flooring Systems' sales organisations and manufacturing sites worldwide have certified Quality Management Systems in accordance with ISO 9001.

All Forbo Flooring Systems' manufacturing plants have certified Environmental Management Systems in accordance with ISO 14001.

Sphera is manufactured in a facility certified to SA8000.

The Life Cycle Assessment (LCA) of Forbo Flooring Systems' products is documented in individual Environmental product declarations (EPD's) or local building rating schemes such as BREEAM.



INSTANT DOWNLOADS

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www.forbo-flooring.com.au/sphera-download

New Zealand
Inzide Commercial Ltd
 52B Arrenway Drive
 Rosedale 0632
 Auckland New Zealand
 Tel: +64 9 441 9850
 Free Call 0800 800 656
 Fax: +64 9 441 9851
 enquiries@inzide.co.nz
 www.inzide.co.nz

Australia
Forbo Flooring Systems Pty Ltd
 23 Ormsby Place
 Wetherill Park
 NSW 2164
 Tel: +61 2 9828 0200
 Free Call 1800 224 471
 Fax: +61 2 9825 3456
info.au@forbo.com
www.forbo-flooring.com.au



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