



Technical specifications

Sphera Essence meets the requirements of EN ISO 10581

	Binder content	EN ISO 10581	type 1
	Total thickness	EN ISO 24346	2.0 mm
	Surface finish		SMART top
	Collection size		18
	Commercial use	EN ISO 10874	34 very heavy
	Light industrial use	EN ISO 10874	43 heavy
	Roll width	EN ISO 24341	2 m
	Roll length	EN ISO 24341	≤ 27 m ~ 26 m
	Total weight	EN ISO 23997	2.8 kg/m²
	Dimensional stability	EN ISO 23999	≤ 0.2 %
	Residual indentation <i>Typical value</i>	EN ISO 24343-1	≤ 0.10 mm - 0.03 mm
	Abrasion resistance	EN 660-2	group T
	Castor chair continuous use	ISO 4918 / EN 425	pass
	Light fastness	ISO 105-B02	≥ 7
	Flexibility	EN ISO 24344	Ø 10 mm
	Resistance to chemicals	EN ISO 26987	very good
	Slip resistance	DIN 51130	R9
	Wetroom application	EN 13553	yes
	Bacteria resistance	EN 846	Does not support growth
	Indoor Air Emissions: TVOC after 28 days	ISO 16516	≤ 0.01 mg/m³
	Life Cycle Assessment	LCA is the foundation for securing the lowest environmental impact	
	Creating better environments		
	Renewable electricity	Sphera Essence is manufactured using 100% electricity from renewable sources	
Sphera Essence meets the requirements of EN 14041			
	Reaction to fire	EN 13501-1	B _{f1} -s1, L, NCS
	Slip resistance	EN 13893	μ ≥ 0.30
	Body voltage	EN 1815	≤ 2 kV
	Thermal conductivity	EN 12524	0.25 W/m-K



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 (EPDs) which can be found on all of our websites.