Technical specifications

Sphera meets the requirements of EN ISO 10581

			Sphera Energetic
	Total thickness	EN ISO 24346	2.0 mm
	Surface finish		SMART top
	Wear layer binder content	EN ISO 10581	Type 1
	Collection size		43
	Domestic use	EN ISO 10874	Class 23
	Commercial use	EN ISO 10874	Class 34
	Light industrial use	EN ISO 10874	Class 43
	Roll width	EN ISO 24341	2.0 m
	Roll length	EN ISO 24341	≤ 27 m
	Total weight	EN ISO 23997	2850 g/m^2
	Dimensional stability *Typical value*	EN ISO 23999	≤ 0.4% *~ 0.2%*
	Slip resistance (ramp test)	DIN 51130	R9
	Castor chair continuous use	ISO 4918	Pass
	Residual indentation *Typical value*	EN ISO 24343-1	≤ 0.10 mm *~ 0.03 mm*
	Colour fastness to light	EN ISO 105 B-02 method 3	≥ 7
	Indoor air emissions: TVOC after 28 days	ISO 16516	≤ 0.01 mg/m^3
	Resistance to chemicals	EN ISO 26987	Very good
	Flexibility	EN ISO 24344	Ø 10 mm
	Use in wet areas	EN 13553	Yes
	Bacteria resistance	EN ISO 846	Does not support growth
	Cleanroom particle emission	ISO 14644-1	-
LCA	Life Cycle Assessment	LCA is the foundation for securing the lowest environmental impact	
	Creating better environments		
	Renewable electricity	Sphera is manufactured using 100% electricity from renewable sources	
	Recycled content	EN 17861	34%
	Bio-circular content (mass balance)	EN 17861	-

Sphera meets the requirements of EN 14041:2004

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	Reaction to fire	EN 13501-1	B_{fl}-s1, G, CS
	Slip resistance	EN 13893	μ ≥ 0.30
	Thermal conductivity	EN 12524	0.25 W/mK
	Body voltage	EN 1815	≤ 2.0 kV

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