

Technical specifications

Eternal meets the requirements of EN ISO 10582

	Eternal		Eternal Next	
	Total thickness	EN ISO 24346	2.0 mm	2.5 mm
	Surface finish		PUR Pearl / Satin / Wood	PUR Pearl / Satin
	Wear layer thickness	EN ISO 24340	0.70 mm	0.70 mm
	Wear layer binder content	EN ISO 10582	Type 1	Type 1
	Collection size		85	12
	Domestic use	EN ISO 10874	Class 23	Class 23
	Commercial use	EN ISO 10874	Class 34	Class 34
	Light industrial use	EN ISO 10874	Class 43	Class 43
	Roll width	EN ISO 24341	2.0 m	2.0 m
	Roll length	EN ISO 24341	≤ 25 m	≤ 25 m
	Total weight	EN ISO 23997	2800 g/m ²	3600 g/m ²
	Dimensional stability	EN ISO 23999	≤ 0.1 %	≤ 0.05 %
	Slip resistance	AS 4586:2013	R10 ¹	R10 ¹
	Castor chair continuous use	ISO 4918	Pass	Pass
	Residual indentation <i>Typical value</i>	EN ISO 24343-1	≤ 0.05 mm ~ 0.02 mm	≤ 0.10 mm ~ 0.04 mm
	Colour fastness to light	EN ISO 105-B02 method 3	≥ 6	≥ 6
	Indoor air emissions: TVOC after 28 days	ISO 16516	≤ 0.02 mg/m ³	≤ 0.01 mg/m ³
	Resistance to chemicals	EN ISO 26987	Very good	Very good
	Flexibility	EN ISO 24344	Ø 10 mm	Ø 10 mm
	Life Cycle Assessment		LCA is the foundation for securing the lowest environmental impact	
	Creating better environments			
	Renewable electricity		Eternal is manufactured using 100% electricity from renewable sources	
	Recycled content (mass)		30.5%	24%
	Certifications		Eternal has been certified by Global GreenTag GreenRate - Level A, BEP PVC and Product Specific EPD	

Eternal meets the requirements of EN 14041

			EN 14041 CE 0200105-DoP-306	EN 14041 CE 0200106-DoP-410
	Reaction to fire	ISO 9239.1	CRF: 8.6kW/m ² , smoke development: 203%.min	CRF: 7.8kW/m ² , smoke development: 150%.min
	Slip resistance	EN 13893	μ ≥ 0.30	μ ≥ 0.30
	Thermal conductivity	EN 12524	0.25 W/mK	0.25 W/mK
	Body voltage	EN 1815	Antistatic ≤ 2.0 kV	Antistatic ≤ 2.0 kV

⁽¹⁾ Slip test result achieved in an independent laboratory on a new sample. On-site testing is variable and may not guarantee the same result. For sustainable slip resistance, use a particle-based floor such as the Step range.

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.



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