

Technical specifications

Eternal de Luxe meets the requirements of EN-ISO 10582 and EN 653

eternal de Luxe

		Eternal de Luxe	Eternal de Luxe Decibel	
	Total thickness	EN-ISO 24346	2.0 mm	3.0 mm
	Wear thickness layer	EN-ISO 24340	0.7 mm	0.7 mm
	Collection size		00	00
	Domestic use		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 / 4.0 m	2.0 / 4.0 m
	Roll length	EN-ISO 24341	± 25 m	± 25 m
	Total weight	EN-ISO 23997	2.8 kg/m ²	2.55 kg/m ²
	Dimension stability	EN-ISO 23999	< 0.1%	< 0.1%
	Acoustical impact noise reduction	EN ISO 717-2	5 dB	17 dB
	Residual indentation	EN-ISO 24343-1	≤ 0.05 mm, typical value 0.03	≤ 0.15 mm, typical value 0.12
	Abrasion resistance	EN 660-2	Group T	Group T
	Castor chair continuous use	ISO 4918 / EN 425	No effect	Superior
	Light fastness	ISO 105-B-02	≥ 6	≥ 6
	Flexibility	EN-ISO 24344	ø 10 mm	ø 10 mm
	Resistance to chemicals	EN-ISO 26787	Very good	Very good
	Slip resistance	DIN 51130	R10	R10
	Electrical resistance	EN 1081	R1 > 1·10 ⁹ Ω	R1 > 1·10 ⁹ Ω
	Water tight installation	EN 13553	Yes	Yes
	Creating Better Environments			
	Renewable electricity	Eternal is manufactured using 100% electricity made from renewable sources		
	Recycled content	Eternal contains up to 70% recycled content in the backing		
	Back to the Floor	Installation off cuts can be collected and recycled via Back to the Floor		
	Ska	Eternal meets the Ska Rating criteria for M12 soft floor coverings in both office and retail schemes		
Eternal de Luxe products meet the requirements of EN 14041		EN 14041 	EN 14041 	
		00200105-DoP-306	00200403-DoP-306	
	Reaction to fire	EN 13501-1	B _{f1} -s ₁	B _{f1} -s ₁
	Slip resistance	EN 13893	DS - μ > 0.30	DS - μ > 0.30
	Body voltage	EN 1815	≤ 2kV	≤ 2kV
	Thermal conductivity	EN 12524	0.25 W/m·K	0.25 W/m·K

BREEAM ratings

Eternal de Luxe – Compact Vinyl Heterogeneous PVC floor coverings (EN649)

Commercial	Education	Health	Domestic	Retail (Durability)	Retail (Fashion)	Meets Ska criteria
A	A+	A+	A	A+	A+	✓

BREEAM ratings

Eternal de Luxe Decibel – PVC floor covering with a foam layer (EN651)

Commercial	Education	Health	Domestic	Retail (Durability)	Retail (Fashion)	Meets Ska criteria
A	A+	A+	A	A	A+	✓

All Forbo Flooring Systems' sales organisations and manufacturing sites 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.

Eternal 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.

