Technical data sheet.

Click

Douro 228 planks

PRODUCT SPECIFICATIONS

Rigid Core SPC + IXPE	EN ISO 10582	DoP DOU2024
Dimensions plank	Plank	1524 x 228 x (4+1) (0.55) mm
	Box	6 planks / 2.085 m² / 17.62 kg
	Pallet	60 boxes / 125.10 m² / 1092 kg
Density	EN ISO 23996	+/- 2050 kg/m³
Installation	ISO 24334	I4F Drop Lock (floating)
Different planks		4
Surface		Wood structure
Bevel		4-sided cut bevel
Gloss level	60°	5 %
Warranty conditions	Residential use Commercial use	35 years 20 years
Application	EN ISO 10874	Class 23/33 - heavy commercial use

PRODUCT PROPERTIES

PROPERTY	TEST METHOD	MIN. REQ.	RESULT
Indoor air certifications			M1, Floorscore, A+, Greenguard, ortho-phtalate free
Fire resistance	EN 13501-1		Bfl-s1
Residual indentation	EN ISO 24343-1	≤ 0.1 mm	0.05 mm
Dimensional stability	EN ISO 23999	≤ 0.15 %	0.05 %
UV resistance	EN ISO 105-B02	≥ 6	> 6
Slip resistance	EN 13893 EN 16165	DS (≥0,3) R9	DS (0.48) R10
Scratch resistance	EN 16094	≤ MSR-A2 ≤ MSR-B2	MSR-A2 MSR-B2
Wear resistance	EN 13329	≥ 2000 cycles	≥ 6000 cycles
Stain resistance	EN 438-2		Group 1 and 2: grade 5 Group 3: grade 5
Formaldehyde emission	EN 717-1	≤ 0.124 mg/m³	0.026 mg/m³ (E1)
Pentachlorophenol content	CEN/TR 14823	< 5 ppm	< detectable limit
Effect of castor chair	EN 4918 (25000 cycles)	Slight change only	no visibile changes
Thermal resistance and underfloor heating	EN 12664	< 0.15 m²K/W	0.032 m²K/W OK (max +28°C)
Electrical properties (antistatic)	EN 1815	≤ 2.0 kV	0.1 kV
Bacterial growth			Does not act as substrate
Impact sound reduction	EN ISO 10140		ΔLw 19 dB (IXPE)