QUICK·STEP FLOOR DESIGNERS

VINYL FUSE

TECHNICAL DATA SHEET

Fuse Vinyl

Valid from: 07:2025

Subject to change without notification

PRODUCT SPECIFICATION	STANDARD	EN ISO 10582
Vinyl Category		Glue down LVT
Dimensions		1500 x 228.6mm
Total Thickness	EN ISO 24346	2.5mm
Wear Layer Thickness	EN ISO 24340	0.55mm
Usage Class	EN ISO 10874	Class 33 / AC5
Pack Size		4.115m^2 (12 planks)
Pack Weight		19kg
Pallet Size		185.175m2 (45 packs)
Pallet Weight		855kg
Warranty	Domestic use	Lifetime (33-years) wear warranty
	Commercial use	10 years – on request up to 15 years

PHYSICAL PROPERTY	TEST METHOD	SPECIFICATION
Impact resistance	EN 13329 – Annex F	≥ 1600mm
Scratch resistance	EN 16094:2021-06	MSR-A1 MSR-B2
Castor chairs	EN4918:2016-03 - 25,000 cycles	No delamination, no disturbance
Displacement of furniture feet	EN 424 – Foot 0.1mm/32kg	No visible damage
Residual indentation	EN ISO 24343-1:2007-06	≤ 0.05mm
Swelling	ISO 24336	No swelling
Dimensional stability	ISO 23999:2011-11 – 6 hrs at 80˚C ISO 23999:2011-11 – Cupping	< 0.25% < 2mm
Fire resistance	AS/ISO 9239.1-2003	6.4kW/m^2 / Smoke 118%
UV resistance	ISO 105 B02 – Blue reference	Class > 6
Slip resistance	AS4586	P5
Thermal resistance	EN 12667:2001-01	0.01m^2 K/W
Floor heating	Suitable for all standard heating systems “in slab/cement” flooring. Limited application with heating films, blanket style and alternatives. Max. contact temp ≤ 27˚C. See separate heated subfloor installation instructions.	

ENVIRONMENT & CERTIFICATES		
AFFSET		A+
Formaldehyde emission	EN 114041:2004 / AC:2006	< detection limit
TVOC 28 days	ISO 16000 part 9-6	< 100µg/m^3
Content	Heavy metals+ lead/cadmium	NOT present
Dangerous substances	Carcinogenic, mutagenic or reprotoxic substances class 1A and 1B (candidate list)	NOT present
REACH	Regulation (EC)	Compliant
Plasticizer		Ortho-Phthalate free plasticizer

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