

Technical Information

of Floor Step Laminate Flooring

Content	Unit	Technical Data
Formaldehyde	Mg/litre	≤ 1.5mg (E1 Grade)
Abrasion resistance	Turn	≥ 3000 Revolutions
Thickness swelling	%	≤ 16%
Density	G/cm ³	≥ 0.83-0.88g / cm ³
Strength of internal bond	mpa	≥ 1.0mpa
Impact resistance	mm	≤ 8mm
Dimension stability	mm	≤ 0.4mm
Modulus of rupture	mpa	≥ 40mpa
Antibacterial effectiveness	%	≥ 96%
Fire Retard rating	kw/m ²	≤ 6.3kw/m ²
Resistance to dry and heat	-	no crack or blister
Resistance to staining	-	no stain or erosion
Resistance to surface crack	-	observed under 8 x magnifier - no cracking
Castor Chair resistance	cycles	25 000 cycles - no effect
Surface Bonding	N/mm ²	1.25N/mm ²
Static load	Mpa	≥ 6Mpa

Construction of Floor Step Laminate Flooring

Wear layer

- : protects the floor and prevents fading
- : helps the floor withstand daily use
- : creates an easy to clean and stain resistant surface

Decorative Layer

- : gives the floor a wood like appearance and characteristic
- : strengthens the floor

Substrate Layer

- : the inner core offers additional protection
- : made from ultra-durable high density fibre board for strength and stability

Backing Layer

- : strengthens the board
- : water resistant
- : provides stability to the laminate
- : decreases the chances of the laminate deforming or bowing



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