

Laminate Flooring Flint AC5

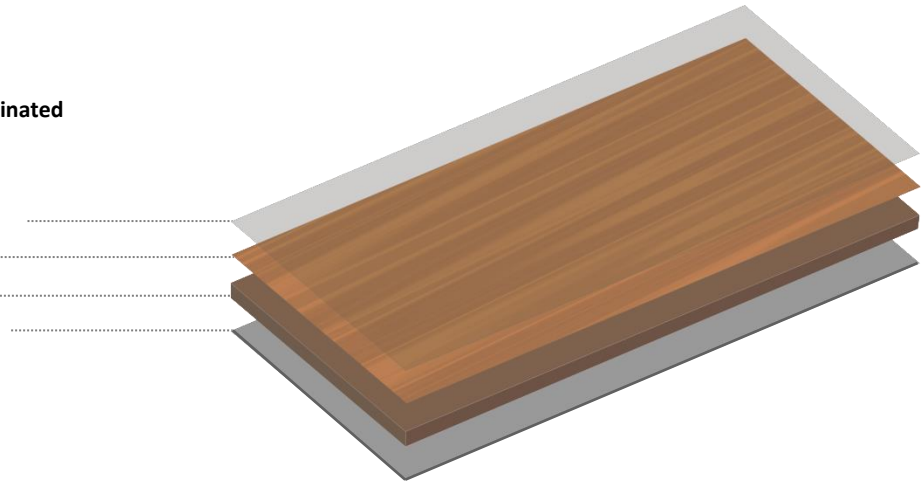
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Flint is a decorative laminate flooring product, made from cellulose fibers impregnated with special thermosetting resins and subjected to high pressure and temperature in a single process. This process yields a synthetic block without a wood base, thus, providing high dimensional stability, impact, pressure and wear resistance, as well as high resistance to water and fire.

The finished material is a compact HPL (high pressure laminate), suitable for flooring as planks that allow easy installation and optimal maintenance.

Compact synthetic laminated flooring HPL

- Protective overlay
- Decorative paper
- Central core
- Damp-proof barrier











General Features

Product structure:	Anti-wear protective overlay (AC5) Synthetic resin-impregnated decorative paper Central core comprised of layers of synthetic resin-impregnated paper Damp-proof aluminum barrier		
Installation:	Uniclic clipping system		
Thickness:	5,4 mm ± 0,2		
Plank (length x width):	1245 mm x 193 mm		
Flatness (max. CD):	21 days at 85% HR and 35 °C	+ 0'75 mm/200 mm	
	21 days at 30% HR and 15 °C	- 0'50 mm/200 mm	
Flexural strength (MD/CD):	EN-438	150 MPa/120MPa	
Density:	EN-438	1'43 g/cm³	

Characteristics	Regulations	Properties	Values	
Wear resistance (Taber test)	EN-13329	Initial point (IP)	>6.500 Cycles (AC5)	
Wear class	EN-13329	Class	33 (commercial areas of intense use)	

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Characteristics	Regulations	Properties	Values	
Water resistance	EN-13553	Water penetration	Waterproof	
Swelling in thickness	EN-13329	Thickness increase	<0,5%	
Resistance to fire	UNE 23727	Class	M2	
Surface heat resistance at 180°C	EN-438	Appearance	Grade 5 (no visible change)	
Resistance to steam	EN-438	Appearance	Grade 5 (no visible change)	
Resistance to cigarette ash burns	EN-438	Appearance	Grade 5 (no visible change)	
Stain resistance	EN-438	Appearance	Grade 5 (no visible change)	
Formaldehyde emissions	DIN 55666	Balance level	<0,01 ppm	
Content of pentachlorophenol	CEN/TR 14283:2003	Detection limit	<0,01 ppm	
Toxicity gases and index of smoke	NF F 16101	Class	F1	
Resistance to light (xenotest)	ISO 4892 UNE 53235	Tone change	>6	
Impact resistance	EN-13329	Spring strength	>50 N (IC4)	
Behavior on simulation of shifting furniture foot	EN-424	Appearance	No visible damage	
Castor wheel resistance	EN-425	Appearance	No visible damage	
Slip resistance	DIN-51130	Class	R9	
Body generated electrostatic voltage (with standard footwear)	EN-1815	-	< 2'04 Kv.	