

## Laminate Flooring Flint AC5

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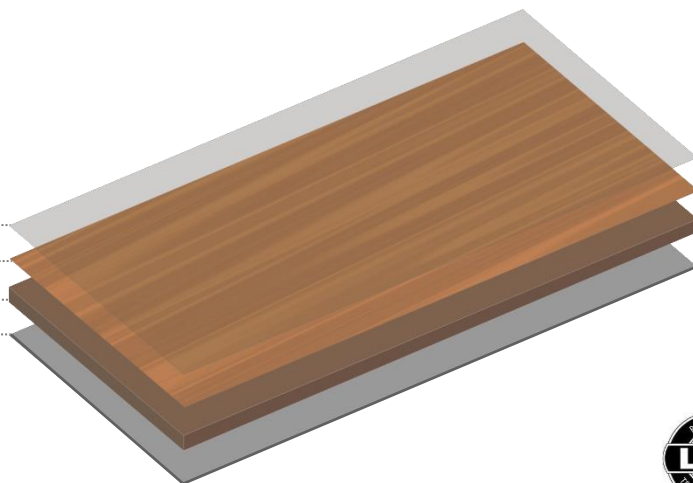
Data-sheet 1/2

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 HPB (high pressure block), 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



















## Datos generales de producto

**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

<b>Thickness:</b>	5,4 mm $\pm$ 0,2		
<b>Plank (length x width):</b>	1243 mm x 199 mm		
<b>Flatness (max. CD):</b>	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	
<b>Flexural strength (MD/CD):</b>	EN-438	150 MPa/120MPa	
<b>Density:</b>	EN-438	1'43 g/cm <sup>3</sup>	

Characteristics	Regulations	Properties	Values	
<b>Wear resistance (Taber test)</b>	EN-13329	Initial point (IP)	>6.000 Cycles (AC5)	
<b>Wear class</b>	EN-13329	Class	33 (commercial areas of intense use)	

Characteristics	Regulations	Properties	Values	
Water resistance	EN-13553	Water penetration	Waterproof	
Swelling in thickness	EN-13329	Thickness increase	<0,3%	
Resistance to fire	UNE-EN 13501-1:2007 + A1:2010	Class	Bfl-s1	
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	NFF 16-101	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	UNE-ENV 12633 Anex A	Class	Class 3 (Optional) Class 2	
Body generated electrostatic voltage (with standard footwear)	EN-1815	-	< 2'04 Kv.	



The CE mark confirms that FLINT laminate flooring complies with all European health and safety guidelines