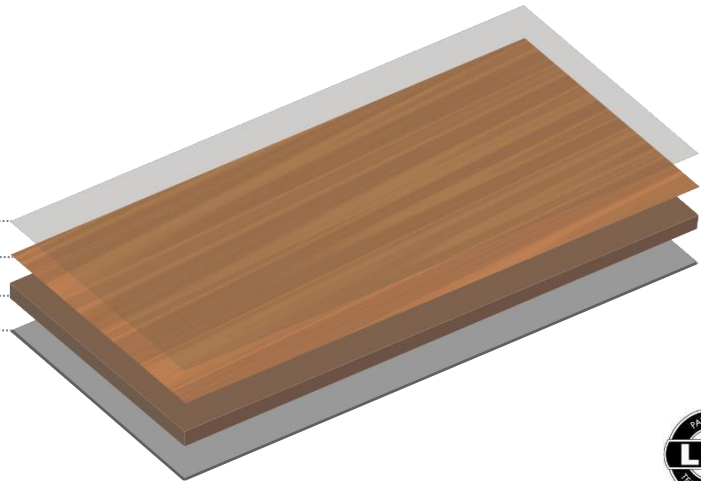


FLINT HI-FLOOR is a decorative flooring, made from cellulose fibers impregnated with special thermosetting resins and subjected to high pressure and temperature in a single process. This process yields a synthetic block without a wood base, thus, providing high dimensional stability, impact, pressure and wear resistance, as well as high resistance to water (100% Waterproof) 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 HPB flooring

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



General product data

Product structure: Anti-wear protective overlay (AC6)
 Synthetic resin-impregnated decorative paper
 Central core comprised of layers of synthetic resin-impregnated paper
 Damp-proof aluminum barrier

Thickness: 5,4 mm ± 0,2

















Plank (length x width): 1245 mm x 200 mm (± 1mm)

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) | >8.500 Cycles (AC6) | |
| Wear class | EN-13329 | Class | 34 (commercial areas of very heavy traffic) | |

| 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 DIN S1130:2010 | Class Class | Class 3 (Optional) Class 2 Class R10 (Optional) Class R9 |  |
| 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