

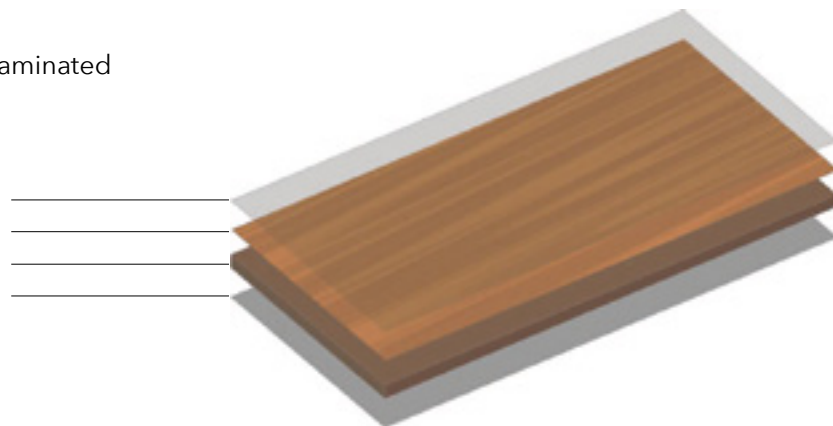
RESOPAL SPASTYLING® FLOOR

PRODUCT DATA SHEET

RESOPAL SpaStyling Floor 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



General product information

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
Thickness	5,4 mm (± 0,2 mm)
Plank (length x width)	1245 mm x 200 mm (± 1mm)
Flexural strength (MD/CD)	EN-438 150 MPa/120MPa
Density	EN-438 1,43 g/cm ³
Anwendungstechnischer Hinweis	Im Vergleich zum allgemeinen Standardaufbau eines Laminatbodens ist der RESOPAL SpaStyling Floor durch den modifizierten Aufbau als Kompaktplatte mit größeren organischen Bestandteilen härter und spröder. Dadurch kann es zu einem erhöhten Werkzeugverschleiß beim Verarbeiten von RESOPAL SpaStyling Floor kommen. Wir empfehlen daher für den Zuschnitt mit Kapp-/Handkreissäge diamantbestückte Sägeblätter. Für die Bearbeitung mit einer Stichsäge empfehlen wir hartmetallbestückte Sägeblätter. Darüber hinaus sollten die allgemeinen Verarbeitungsempfehlungen für RESOPAL SpaStyling Floor beachtet werden.

Characteristics	Regulations	Properties	Values	
Wear resistance (Taber Test)	EN-13329	Initial point (IP)	> 6.000 Cycles (AC5)	
Class of use	EN-685	Class	33 (commercial areas of intense use)	
Water resistance	EN-13553	Water penetration	Waterproof	
Swelling in thickness	EN-13329	Thickness increase	< 0,3 %	
Reaction to fire	EN-13501-1:2007 + A1:2010	Class	Bfl -s1	
Resistance to dry heat 160°C	EN-438 - 2	Appearance	Rating 5 (no visible change)	
Resistance to steam	EN-438 - 2	Appearance	Rating 5 (no visible change)	
Stain resistance	EN-438 - 2	Appearance	Rating 5 (no visible change)	
Formaldehyde emissions	EN-120	Balance level	< 0,01 ppm	
Content of pentachlorophenol	CEN/TR 14283:2003	Detection limit	< 0,01 ppm	
Lightfastness (xenotest)	EN-438 ISO 4892	Greyscale rating	Rating 4 - 5	
Impact resistance	EN-13329	Spring strength	> 50 N (IC4)	
Behavior on simulation of shifting furniture foot	EN-424	Appearance	No visible damage	
Castor chair resistance	EN-425	Appearance	No visible change	
Body generated electrostatic voltage (with standard footwear)	EN-1815	-	< 2 kV	
Slip resistance	DIN 51130 (DGVU Regel 108-003)	Evaluation group	R10	
Slip resistance (wet loaded barefoot areas)	DIN 51097	Evaluation group	A	

All information is based on the current state of technical knowledge, but it does not constitute any form of guarantee. It is the personal responsibility of the user of the products described in this information leaflet to comply with the appropriate laws and regulations.