

# POLMEK DECOR

High-Density Polyurethane  
Architectural Systems

Design Without Limits. Zero Structural Load.



Discover the advantages of high-density polyurethane architectural systems.

High-density polyurethane architectural systems built for modern projects. Lightweight yet rigid, waterproof, and UV-resistant—ideal for demanding indoor and outdoor environments. Faster installation, cleaner detailing, and consistent results on every site.

Why Choose Polmek?

- Ultra Lightweight
- 80% lighter than traditional materials
- Indoor & Outdoor Use
- Waterproof and UV resistant
- Fast Installation
- Save time on site
- High Density Strength
- Up to 400 density, impact resistant



Authentic Wood Texture meets Advanced Polymer Technology.  
Experience the natural warmth and deep grain of real wood combined with the lightweight durability of high-density polyurethane. Engineered to be 100% waterproof and UV-resistant, it offers a seamless transition between elegant interiors and high-exposure outdoor facades without expanding or warping



WOOD PU PANEL  
60x300 , 90x250 cm |  
12,15,18,24 mm

Starting from € 35

\*Final price depends on density,  
finish and project quantity.



### BEACH & POOLSIDE DECKING — DURABLE ELEGANCE FOR OUTDOOR SPACES

Polmek Decking systems deliver the warmth of wood with the durability of high-density polyurethane—without the maintenance burden. Engineered for poolsides, terraces, and coastal environments, they are waterproof, UV-resistant, and designed to stay stable without rot, warping, or cracking.

- Salt & UV Resistance — ideal for coastal projects
- Zero Decay — no rot, warp, or cracking
- Non-slip surface options
- Custom RAL finishing & custom sizes available
- Non-slip surface options

#### TECHNICAL SPECIFICATIONS

Parameter	Value
Width	12 cm / 20 cm
Thickness	18 mm / 24 mm
Length	250 cm / 300 cm
Custom Size	Available upon request

Starting from €70

\*Final price depends on density, finish and project quantity.



Deep textured, 3D stone surface creating dramatic light and shadow effects. Premium architectural finish suitable for both interior and exterior applications with UV resistant coating.

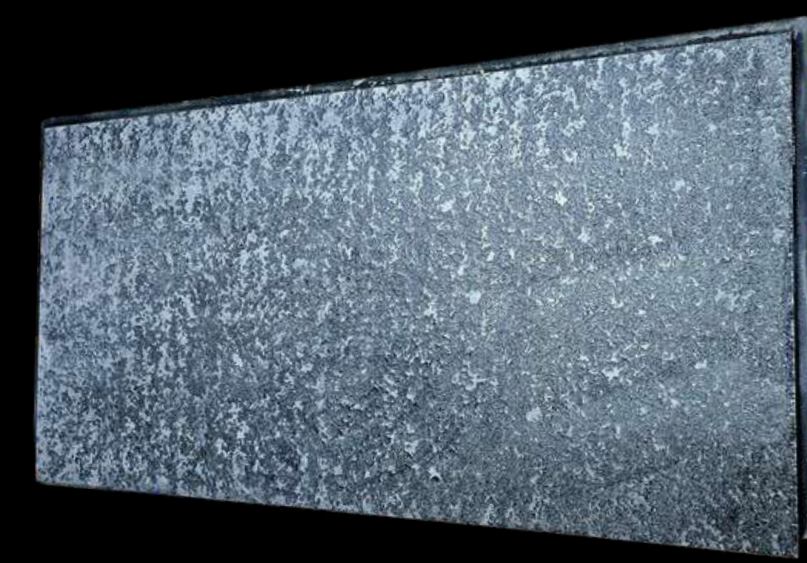


**SPLIT STONE PANEL**  
42 x 120 cm | 40 mm

Starting from € 45

\*Final price depends on density, finish and project quantity.

Modern, clean stone texture designed for large surfaces. Featuring seamless appearance, custom RAL color options, and easy installation for both interior and exterior applications.



**FLAT STONE PANEL**  
60 x 120 cm | 18/24 mm

Starting from € 45

\*Final price depends on density, finish and project quantity.

Product

Custom Solutions

Your Design, Our Production

We bring your architectural vision to life with bespoke manufacturing capabilities. Available in multiple densities and custom finishes to meet your exact specifications.



Custom Molds



CNC Panels



Pergola Cladding

PRODUCT FAMILY	DIMENSIONS ( CM)	THICKNESS ( MM)	DENSITY ( KG/M <sup>3</sup> )	USE AREA
WOODLINE	60x300 / 90x250	12, 15, 18, 24	120 / 200 / 400	Interior & Exterior
FLAT STONE	60x120	18, 24	120 / 200 / 400	Interior & Exterior
SPLIT STONE	42x120	40 (Depth)	120 / 200 / 400	Interior & Exterior
SCREENLINE	Custom up to 300	Custom	400 (High Rigid)	Facade / Sunshade
PERGOLINE	Up to 300	Profile Based	400	Outdoor Cladding
DECKLINE	12-20 x Custom up to 300	18, 24	400 / 600	Poolside & Outdoor

- Custom RAL & Finish: All products can be finished in any RAL color or custom textured paint.
- Fire Rating: Optional fire-retardant (B1/B2 class) additives available upon request.
- Mounting: Can be installed with high-strength structural adhesives or mechanical fixing.
- Production: All dimensions are subject to a +/- 2mm manufacturing tolerance.

Request technical details or a sample box to experience the quality of Polmek Decor products firsthand. We respond within 48 hours.

## Contact Us

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Get in Touch