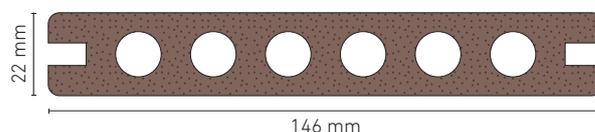


WPC Superior

Material consisting of 95% recycled material (50% wood flour, 45% HDPE - high density recycled polyethylene) and 5% chemical additives.

Each board has a rounded hollow encapsulated section and a profile with symmetrical milling, and has a smooth side and one with an anti-slip effect (3D wood effect). It is covered with a plastic and coextruded film that wraps it protecting it from scratches, color change, organic stains (oil, coffee, wine) or chemical stains (acids).

WPC Superior is water-repellent, resistant to temperature variations and atmospheric agents, non-rotting, anti-slip, does not splinter and is suitable and tested even in marine environments. It is suitable for private, residential, commercial and public uses.



physical properties

average mass density (*)	1,330 kg/m ³
average absorption compared to initial weight (*)	<3%

mechanical properties

average bending strength (*)	28 MPa
average modulus of elasticity (*)	2,500 MPa



properties by conditions of use

grade R slipperiness (DIN 51130)		R9
solar reflective index (DM 11/10/2017) (^)	value	out-come
	>29	
average solar reflectance (^)		0.50
average thermal emissivity (^)		0.93

Data source: Ravaoli Legnami, except for items marked with an asterisk (*). Values obtained from technical laboratory tests carried out directly on samples.

(*) Data source: manufacturer.

(^) Tests carried out on WPC Superior Pearl color samples.

WPC Superior does not fall into the category of products regulated by UNI 11538-1, being it a composite product.

Depending on the production batch and on the ambient and storage conditions, the real dimensions of the boards may vary. Consider the following dimensional tolerances: width +/- 3 mm, length +/- 3 cm, thickness +/- 0.5 mm.

The color, after a slight initial, almost imperceptible change, stabilizes and does not undergo further variations over time. However, bear in mind that color, brightness and tone of the boards may vary depending on the production batch of the material, therefore pictures and samples are not always perfectly representative.

Following certain and specific environmental conditions, a temporary electrostatic charge can occur on the product.

