

TECHNICAL DATA SHEET

ECODECK WPC boards, or composite boards, are Sogega's solution for outdoor flooring, created with a unique combination of plastic and wood fibers. These two materials work together to create a highly performing product that combines the refined look of natural wood with the practicality and low maintenance of plastic. Elegance, versatility, maximum durability, easy installation, and low maintenance costs make the Ecodeck line perfect for your outdoor space. (Art. GJ140)

Classification

Typology	EN 10581	Wooden fibers and plastic polymers
Residential classification	EN ISO 10874	23 Heavy
Commercial classification	EN ISO 10874	33 Heavy

Technical features

Total thickness	EN 24346	22,5 mm
Weight	EN 23997	17,86 kg/sqm
Pattern		wood
Surface		natural wood

Performance

Reaction to fire	EN ISO 11925	Single flame test
Slip resistance	EN 15534-4	Longit. 76 - Horiz. 79, test requirement ≥ 34
Bending resistance	EN 15534	36 MPa
Elasticity modulus	EN 15534	3730 MPa
Thermal expansion	ISO 11359	$73 \times 10^{-6} K^{-1}$
Water absorption	EN 15534	0,06% (max)
Max swelling	EN 15534	0,21% thickness 0,02% width 0,01% length
Rockwell hardness	ASTM D785	72 R
Residual indentation	EN 15534	64 MPa (Brinell) – elastic recovery 53%
Abrasion resistance	ASTM D7031	Weight lost: 24,7 mg/1000r
Antibacterial activity	ASTM G 21-15	2nd Degree

Format and dimensions

Floating boards for outdoors	EN 24342	220 x 14 cm
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