

TECHNICAL DATA SHEET ESPINA



Kafo Carvalho
635x127x5
patterns: 10



Canoa Carvalho
635x127x5
patterns: 10



Mari Carvalho
635x127x5
patterns: 10



Vimini Carvalho
635x127x5
patterns: 10



Polvo Carvalho
635x127x5
patterns: 10



Malte Carvalho
635x127x5
patterns: 10

VILLEROCK

Mineral Hybrid Core

ESPINA	Norm	
Floor type		MHC Mineral Hybrid Core
Structure		Wood Touch
Dimensions [mm]		127 (± 0,10 mm) x 635 (± 0,10 mm)
Dimensional stability		≤ 0,1 % (norm ≤ 0,25 %)
Edge straightness	EN 16511	≤ 0,15 mm
Flatness	EN 16511	long side concavity ≤ 0,5 % of length; long side convexity ≤ 0,1 % of length; wide side concavity ≤ 0,1 % of width; wide side convexity ≤ 0,1 % of width
Packing [PCS/PACKAGE, m ²]		16 pcs./PACKAGE; 1,29 sqm/PACKAGE
Weight of one package [kg]		~ 13,5 kg
Density [kg/m ²]		≥ 2 000 kg/m ²
Total thickness [mm]		5 mm
Wear layer thickness [mm]		0,55 mm
Pad thickness [mm]		0 mm
Pad density [kg/m ³]		0 kg/m ³
Locking system		UNILIN lock UNICLIC Technology
Locking strenght	EN 16511	long side - 3,5 kN/m; short side - 4.0 kN/m
Wear resistance	EN 16511	≥ 5 000 cycles
Micro scratch resistance	EN 16511	MSR-A1
Shock resistance (large ball)	EN 16511	≥ 1 600 mm
Castor chair test		≥ 25 000 cycles
Colour fastness	EN ISO 105-B02	ΔE ≤ 8/6 class
Utility class		33
Slip resistance		DS/R9
Impact sound insulation	EN ISO 10140-3	6 dB
Suitable for underfloor heating	EN 12524	yes - max 27 °C
Thermal conductivity	EN 12667	≥ 0,168 W/(m*K)
Thermal resistance	EN 12667	≥ 0,042 (m ² K)/W
Fire rating	EN 13501-1	Bfl-s1
Formaldehyde emission	EN 717-1	class E1 no emission
Pentachlorophenol emission	EN 14041:2018	no emission
CE	EN 14041: 2004 + AC:2005 + AC:2006	yes
Warranty		for residential use - 20 years; for commercial use - 2 years