

Stilmat R-Evo

Technical data of:

R-EVO STILMAT TILE

	Polypropylene sports floor Stilmat to be used for multisport use, use in industrial area, on boats and in ports or residential space	
Material	Polypropylene with mineral fillers, ecological	
Dimensions	335 x 335 mm	
Thickness	12,3 mm	
Thickness of the upper wall	1,85 mm	
Weight of tile	480 g	
Surface load at temperature +19 °C	Surface:	Max. load:
	1 cm ²	100 kg
	1 dm ²	1 000 kg
	1 m ²	3 500 kg
Weight of 1000 m ²		4 329 kg

			Unit	Rate
Slip resistance			o	13,7 o= R10
Absorption of water 24h			%	<0,1
Move resistance			Mpa	32
Flection resistance			Mpa	1340
Coefficient of linear expansion			% per 1°C	0,007
Friction	EN 13036-4		PTV	85
Shock absorption	EN 14808	With 6 mm foil	%	27,3
Vertical deformation	EN 14809	With 6 mm foil	mm	1,05
Resistance to rolling load	EN 1569		mm	0,25
Resistance to wear/abrasion	EN ISO 5470-1		mg	3,5
Reaction to fire, classification	EN 13238, 13501-1			B/fi-s2

Thermal dilatation:

Extension 0,007 % per 1°C

Calculation figure of prolongation: (0,00007 x floor length) x (temperature difference in °C)

Calculation figure of length after prolongation: original length + extension