



INLINE HOCKEY SURFACE AND PUCKS
MULTI SPORTS SURFACES
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Technical Data Sheet

Stilmat R-Evo

	Polypropylene sports floor Stilmat for multisport use, use in industrial areas, on boats, in ports, suitable for residential space	
Material	Polypropylene with mineral fillers, ecological	
Dimensions	335 x 335 mm	
Thickness	12,3 mm	
Thickness of the upper wall	2 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 1 m²	4,32kg	
Weight of 1000 m²	4 320 kg	

	Norm	Specification	Unit	Rate
Slip resistance			°	13,7 °= 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 _{f1-s1}

Thermal expansion:

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