

STARLON® podVinyl

Isolation against impact noise

STARLON® podVinyl is an insulating pad from extruded polystyrene (XPS) in plate form, intended under interlocking vinyl flooring. It is characterized by good noise insulation characteristics and high load resistance. It removes point unevenness of the surface up to high of 1 mm. It achieves high values in the field of noise reduction.

STARLON® podVinyl – Physical properties

Parameter	Unit	Value	Test method, protocol
Thickness	mm	1,5	ČSN EN 12431
Density	kg.m ⁻³	80 ± 8	ČSN EN 1602
Compensation of inequality	mm	1	
Coefficient of thermal conductivity [λ(10°C)]	W.m ⁻¹ .K ⁻¹	0,0247	ČSN EN 12667
Thermal resistance (R)	m ² K/W	0,0607	
Dynamic stiffness	MN.m ⁻³	700	ČSN ISO 9052-1
Impact damping [ΔL _w]	dB	20	ČSN EN ISO 10140-1
Water absorption	% (hm.)	≤0,06	ČSN 64 5421
Combustibility		F	ČSN EN 13 501-1
Hygienic evaluation of material	-	Health safe	-
Impact on the environment	-	Ecological safe, without freons, recyclable	-
Olfactory evaluation	-	Odorless	-