

STARLON® PROFESIONAL thickness 6 mm

Impact sound insulation

STARLON® PROFESIONAL is an insulating underlay from extruded polystyrene (XPS) in the form of a sheet which is intended for usage under laminate and wooden floating floors. It is characterized by good noise insulation parameters and high load resistance. It achieves high impact noise reduction values.

	Measured value	Requirement of ČSN EN 16354	Requirement of EPLF technical bulletin
Thickness	6,2 mm	5,5 - 6,5 mm	-
Punctual comformability (PC)	>0,5 mm	Min. 0,5 mm	Min. 0,5 mm
Compressive stenght (CS)	90 kPa	Min. 10 kPa	Min. 10 kPa
Resistance to large ball (RLB)	> 500 mm	-	Min. 500 mm
Thermal resistance (R)	0,206 m ² .K/W	-	Min. 0,075 m ² .K/W
Dynamic load (DL ₂₅)	> 10 000 cycles	Min. 10 000 cycles	Min. 10 000 cycles
Compressive creep (CC)	> 2 kPa	-	Min. 2 kPa
Impact sound reduction (IS _{lam})	19 dB	-	Min. 14 dB

The above-mentioned parameters of underlay Starlon 6 mm are comparable with requirements specified in Technical bulletin Underlay Materials under Laminate Floor Coverings Test Standards and Performance Indicators (English edition 08/2014) issued by European producers of laminate flooring. This technical datasheet was issued on basis of the Protocol no. 31 35 00979/2020 and Certificate no. 20 015, issued by Institut pro testování a certifikaci, a.s.