

Acoustic underlay designed for use under engineered hardwood flooring

Specification

Characteristic	Result	Test Method
End use	Heavy domestic and general commercial	
Gauge	6.0mm	
Roll width	1.00m	BS 5808: 1991
Roll length	15.00m	BS 5808: 1991
M ² per roll	15m ²	
Weight	4.6kg/m ²	ASTM F1315
Density	ca. 700kg/m ³	ASTM F1315
Tensile strength	>350kPa	ASTM F152
Elongation at break	>15%	
Shore hardness	40-60 Shore A	
Compression	20%	ASTM F36
Recovery from compression	>80%	ASTM F36
Thermal conductivity	0.14W/mK	ISO 8301: 1991
Thermal resistance	0.12m ² K/W	ISO 8301
Tog rating	1.2	
Operating temperature range	-30 to 90°C	

Acoustic performance

Finished floor	Result	Test Method
Engineered hardwood	20dB	ISO 10140-3:2010