



Rubber Composite Acoustic Underlay - 1.6 mm

Specification

Characteristic	Result	Test Method
End Use	Heavy domestic and general commercial use	
Roll Width	1.00m	BS 5808: 1991
Roll Length	15.00m	BS 5808: 1991
M ² per roll	15m ²	
Weight	1.04kg/m ²	BS ISO 7322:2014
Density	650kg/m ³	BS ISO 7322:2014
Tensile strength	500kPa	BS ISO 7322:2014
Elongation at break	>15%	
Shore hardness	40-60 Shore A	
Compression	15%	BS ISO 7322:2014
Recovery from Compression	>65%	BS ISO 7322:2014
Thermal Conductivity	0.1036 W/mK	ISO 8301:1991
Thermal Resistance	0.015 m ² K/W	
Tog rating	0.15	
Operating temperature range	-30 to 90°C	

Acoustic performance

Finished floor	Result	Test Method
LVT	18dB	ISO 10140-3:2010
Dynamic Stiffness	134MN/m ³	ISO 9052-1:1989

Rubber Composite Acoustic Underlay - 3 mm, 4.5 mm

CHARACTERISTIC	RESULT		TEST METHOD
End Use Classification	3.0mm Heavy Domestic and General Commercial use	4.5mm Heavy Domestic and General Commercial use	
Roll width	1.0m	1.0m	BS 5808: 1991 (Specification for underlays for textile floor coverings)
Roll length	15.00m	15.00m	BS 5808: 1991 (Specification for underlays for textile floor coverings)
M ² per roll	15m ²	15m ²	BS 5808: 1991 (Specification for underlays for textile floor coverings)
Gauge	3.0mm	4.5mm	BS ISO 7322:2014 (Composition cork. Test methods)
Weight	ca. 1.8kg/m ²	ca. 2.7kg/m ²	BS ISO 7322:2014 (Composition cork. Test methods)
Roll weight	ca. 27kg	40.5kg	BS ISO 7322:2014 (Composition cork. Test methods)
Compression	15%	15%	BS ISO 7322:2014 (Composition cork. Test methods)
Recovery from indentation	>90%	>90%	BS ISO 7322:2014 (Composition cork. Test methods)
Breaking strength	0.6N/mm ²	0.6N/mm ²	BS ISO 7322:2014 (Composition cork. Test methods)
Acoustic properties	17dB	18dB	BS EN ISO 140-8: 1998 (Measurement of sound insulation in buildings and of building elements. Laboratory measurements of the reduction of transmitted impact noise by floor coverings on a heavyweight standard floor)
Thermal conductivity	0.075W/mk	0.075W/mk	ISO 8301:1991 (Thermal insulation – Determination of steady-state thermal resistance and related properties – Heat flow meter apparatus)
Tog rating	0.3 tog	0.5 tog	