

sound sense lvt click 1.8

Acoustic underlay designed for use under Click and Loose Lay Luxury Vinyl Tiles

Specification

Characteristic	Result	Test Method
End use	Heavy domestic and general commercial use	
Gauge	1.8mm	
Roll width	1.00m	BS 5808: 1991
Roll length	15.00m	BS 5808: 1991
M ² per roll	15m ²	
Weight	0.49kg/m ²	BS ISO 7322:2014
Density	Ca. 270kg/m ³	BS ISO 7322:2014
Tensile strength	>250kPa	BS ISO 7322:2014
Elongation at break	>15%	
Shore hardness	34 Shore A	
Compression	15-40%	BS ISO 7322:2014
Recovery from compression	>60%	BS ISO 7322:2014
Thermal conductivity	0.0637W/mK	ISO 8301:1991
Thermal resistance	0.314m ² K/W	ISO 8301:1991
Tog rating	0.30	
Operating temperature range	-30 to 90°C	

MMFA specification

Characteristic	Requirement	Result
PC Punctual Conformability	>/= 0.5mm	> 1.3mm
SD Moisture Protection	>/= 75m	> 75m
CS Compression Strength	>/= 200kPa	320kPa
CC Compression Creep	>/= 10kPa	50kPa
IS Impact Sound reduction	>/= 10dB	20dB
R Thermal Resistance*	</= 0.15m ² K/W	0.15m ² K/W
DL Dynamic Load	>/= 10,000 cycles	>/= 10,000 cycles

m
m
f
a

*Suitable for underfloor heating.

Exceeds all threshold requirements of MMFA Technical Bulletin 1 2018 for both Group 1 and Group 2 Underlay types.

Acoustic performance

Finished floor	Result	Test Method
Click LVT 5.0mm	20dB	ISO 10140-3:2010
Dynamic stiffness	204 MN/m ³	ISO 9052-1:1989

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