MuteMat® LVT Click-1.8 Product Data

Description: MuteMat LVT Click-1.8 provides a high level of acoustic performance in a lightweight acoustic

underlay. Ideal for use under click type Luxury Vinyl Tiles (LVT) the product provides a great

improvement of up to 20dB under a 5mm thick LVT tile.

Dimensions: 15m x 1m x 1.8mm

Mass: 0.49kg/m²

Features and Benefits: Complies with UK Building Rgulations - 20dB ΔLw when used with a 5mm click LVT

Exceeds all MMFA Requirements - The product exceeds all requirements for Group 1 and Group 2 underlays.

Ideal for Under Floor Heating - Low Tog rating of 0.3

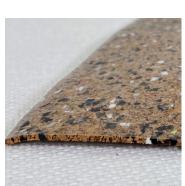
Blanced Density - Consistent product density for long lasting and uniform performance.

Can be Loose Laid - The product can be loose laid

Ultra Thin Guage - The minimal thickness of the product reduces floor build up height.

Environmentally Friendly - 100% Recycled cork, PU and EVA

Cost Effective - Low m² prices ensure the product keeps project costs low while ensuring great impact performance.









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Typical Physical Properties:

Attribute and Test Method:	Specification: (Based on typical performance)	
Roll Dimensions BS 5808:1991	15m x 1m x 1.8mm (15m²)	
Weight - Density ISO 7322:2014	0.49kg/m² - Ca. 270kg/m³	
Tensile Strength ISO 7322:2014	>250kPa	
Elongation at Break	>15%	
Shore Hardness	34 Shore A	
Compression ISO 7322:2014	15-40%	
Recovery from Compression ISO 7322:2014	>60%	
Thermal Conductivity ISO 8301:1991	0.0637 W/mK	
Thermal Resistance ISO 8301:1991	0.314 m ² K/W	
Tog Rating	0.30	
Operating Temperature Range	-30°C to 90°C	

Acoustic Performance:

Attribute and Test Method:	Specification: (Based on typical performance)
5mm Click LVT ISO 10140-3:2010	ΔLw 20 dB
Dynamic Stiffness ISO 9052-1:1989	204MN/m³

Sustainability and Recycling:

Here at iKoustic we are committed to reducing our environmental impact, using recycled materials wherever possible within our products. MuteMat LVT Click-1.8 is made from 100% recycled materials, extracted from cork stopper waste and waste materials from the automotive and sports shoe industry.



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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<sup 2 K/W	0.15m² K/W
DL Dynamic Load	>/= 10,000 cycles	>/= 10,000 cycles



^{*} Suitable for underfloor heating

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