

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 Regulations** - 20dB ΔL_w 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 (15m ²)
Weight - Density ISO 7322:2014	0.49kg/m ² - Ca. 270kg/m ³
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	ΔL_w 20 dB
Dynamic Stiffness ISO 9052-1:1989	204MN/m ³

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	$\geq 0.5\text{mm}$	$> 1.3\text{mm}$
SD Moisture Protection	$\geq 75\text{m}$	$> 75\text{m}$
CS Compression Strength	$\geq 200\text{kPa}$	320kPa
CC Compression Creep	$\geq 10\text{kPa}$	50kPa
IS Impact Sound Reduction	$\geq 10\text{dB}$	20dB
R Thermal Resistance*	$\leq 0.15\text{m}^2 \text{K/W}$	$0.15\text{m}^2 \text{K/W}$
DL Dynamic Load	$\geq 10,000 \text{ cycles}$	$\geq 10,000 \text{ cycles}$

m

* Suitable for underfloor heating

m

f

a

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