

# MuteMat<sup>®</sup> LVT 650-1.6 Product Data

**Description:** MuteMat LVT 650-1.6 is an acoustic underlay fo use with luxury vinyl tile flooring (LVT) and provides an excellent reduction in impact sound transmission. Perfect for use directly underneath stick down LVT floor coverings. The products low guage maximises LVT and underlay recovery after subjection to point loading. This also helps to keep the floor build up to a minimum while still providing excellent performance.

**Dimensions:** 15m x 1m x 1.6mm

**Mass:** 1.04kg/m<sup>2</sup>

**Features and Benefits:** **Complies with UK Building Rgulations** - 18dB  $\Delta$ Lw when used with a 2.5mm stick down LVT

**Ideal for Under Floor Heating** - Low Tog rating of 0.15

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

**Ultra Thin Guage** - The minimal thickness of the product reduced floor build up height and aids in indentation recovery for floor layers.

**Permanant Solution** - Forms part of the building structure.

**Environmentally Friendly** - Made from cork and sports shoe waste and recycled materials.

**Cost Effective** - Low m<sup>2</sup> 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)
<b>Roll Dimensions</b> BS 5808:1991	15m x 1m (15m <sup>2</sup> )
<b>Thickness</b> BS 4051:1987	1.6mm
<b>Weight / Density</b> ISO 7322:2014	1.04kg/m <sup>2</sup> - 650kg/m <sup>3</sup>
<b>Tensile Strength</b> ISO 7322:2014	>500kPa
<b>Elongation at Break</b>	>15%
<b>Shore Hardness</b>	40-60 Shore A
<b>Compression</b> ASTM F36	15%
<b>Recovery from Compression</b> ASTM F36	>65%
<b>Thermal Conductivity</b> ISO 8301:1991	0.1036 W/mK
<b>Thermal Resistance</b>	0.015 m <sup>2</sup> K/W
<b>Tog Rating</b>	0.15
<b>Operating Temperature Range</b>	-30°C to 90°C

## Acoustic Performance:

Attribute and Test Method:	Specification: (Based on typical performance)
<b>2.5mm LVT</b> ISO 10140-3:2010	$\Delta L_w$ 18 dB
<b>Dynamic Stiffness</b> ISO 9052-1:1989	134MN/m <sup>3</sup>

## Sustainability and Recycling:

Here at iKoustic we are committed to reducing our environmental impact, using recycled materials wherever possible within our products. MuteMat LVT 650-1.6 is made from 100% recycled cork and EVA extracted from cork stopper waste and the sports show industry.