

soundsense lvt1.6

INS Soundsense LVT1.6 is a low weight and low gauge acoustic underlay for use under luxury vinyl tiles. It has an excellent impact sound reduction improvement of 18dB used under market leading luxury vinyl tiles.

INS Soundsense lvt1.6 technical information

INS Soundsense LVT1.6 exhibits no plasticiser migration in direct contact with PVC. The low gauge has been determined to maximise recovery of both the underlay and the luxury vinyl tile when the products are subjected to point loading. It also helps to ensure that the overall finished floor make up is not too high.

Specification

| Characteristic | Result | Test Method |
|-----------------------------|----------------------------|---------------|
| Roll dimensions | 1 x 15m - 15m ² | BS 5808:1991 |
| Thickness | 1.6mm | BS 4051:1987 |
| Weight | 1.04kg/m ² | ISO 7322:2014 |
| Density | 650kg/m ³ | ISO 7322:2014 |
| Tensile strength | >500kPa | ISO 7322:2014 |
| Compression | 15% | ASTM F36 |
| Recovery from compression | >65% | ASTM F36 |
| Tog rating | 0.15 | |
| Operating temperature range | -30 to 90°C | |

Acoustic performance

| Finished floor | Result | Test Method |
|-------------------|----------------------|------------------|
| 2.5mm LVT | 18 dB | ISO 10140-3:2010 |
| Dynamic Stiffness | 134MN/m ³ | ISO 9052-1:1989 |



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INS Soundsense lvt1.6 features and benefits

Designed for use under Luxury Vinyl Tiles (LVT)



Complies with Building Regulations
18dB impact sound improvement under standard 2.5mm LVT



Cost effective To install



Available nationwide



10 year in-use warranty

Environmentally friendly
made from cork stopper waste and waste from the sports shoe industry



Permanent solution
forms part of building structure



Ideal for under-floor heating
low Tog rating 0.15



Balanced density
for lasting performance



Ultra-thin gauge
to optimise indentation recovery and reduce finished flooring heights

