

# soundsense dB300

**INS Soundsense dB300** is a triple layer acoustic underlay mat designed to significantly reduce the potential for impact and airborne noise nuisance primarily in refurbishment and conversion projects.

## INS Soundsense dB300 technical information

INS Soundsense dB300 has been used to ensure compliance under a variety of floorcoverings and in pre-completion testing has significantly exceeded the airborne and impact sound insulation requirements of Part E of the UK building regulations.

### Specification

Characteristic	Result
Tile Width	0.60m
Tile Length	1.2m
M <sup>2</sup> per tile	0.72m <sup>2</sup>
Thickness	12mm
Weight M <sup>2</sup>	12.7kg/m <sup>2</sup>
Weight per tile	9.1kg

### Acoustic performance

Finished floor	Result	Test Method
Impact L <sub>w</sub>	32dB	BS EN ISO 10140-3:2010
Impact L'nTw	40dB*	BS EN ISO 16283-2:2015
Airborne DnTw+Ctr	51dB*	BS EN ISO 16283-1:2014

\*Typical average results



**INS Acoustics**

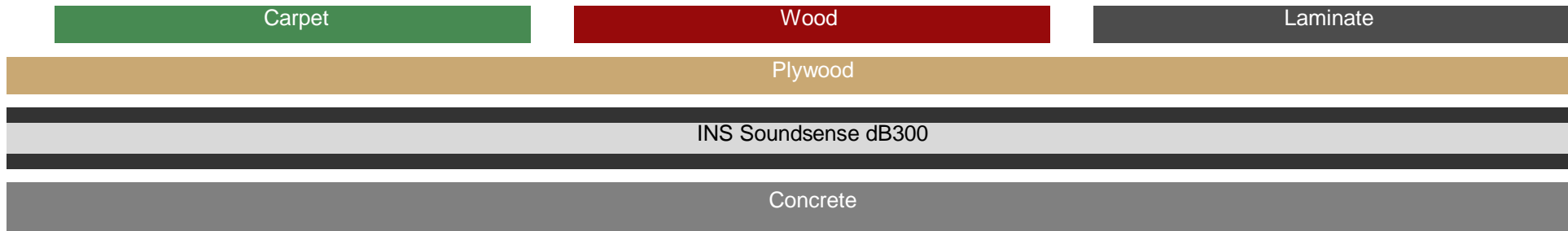
Acoustic Insulation and Anti-vibration Products

0151 677 8650 | [ins-acoustics.com](http://ins-acoustics.com)

INS Acoustics Ltd Unit 1, Tarran Way South, Moreton, Wirral CH46 4TP

# INS Soundsense dB300 features and benefits

Designed for use under most finished floors



Cost effective and simple to install



10 year in-use warranty



100% recyclable



Available nationwide



Improves airborne sound insulation



Minimum increase in floor levels



Reduces impact sound



Can be loose laid



Environmentally friendly

high content of post-consumer recycled PVC flooring