

STATEMENT OF PERFORMANCE

Test: Acoustic

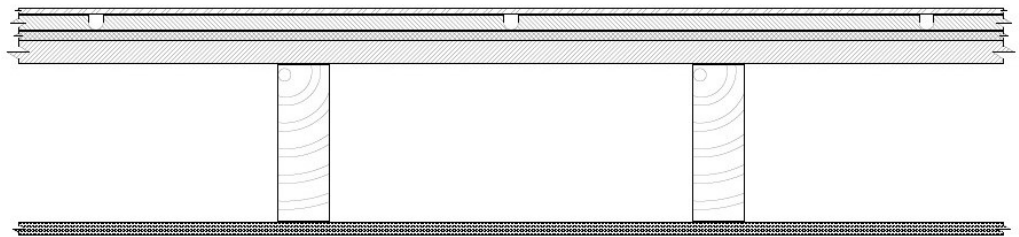
Standard: BS EN ISO 10140-2:2021 and BS EN ISO 10140-3:2021

Independent Test Report: 24711-SRL-RP-XT-001-P1

Product: Omnie LowBoard RdB

Construction: 15mm LowBoard panel with 8mm Acoustic Rubber layer underneath

This is to confirm that the OMNIE LowBoard RdB as part of a floor construction of 12.5 British Gypsum Wallboard plasterboard, 225x47mm solid joists at 400mm centres, 22mm chipboard, 24mm LowBoard RdB with a 5.5mm plywood covering, has been tested in accordance with BS EN ISO 10140-2:2021 and BS EN ISO 10140-3:2021. The testing was done by an external test lab. The results are summarised in the table below, comparing the floor construction with LowBoard RdB to a construction without the product over the sound range of 50Hz to 10,000Hz.



Airborne sound transmission: Lowboard RdB improves airborne sound transmission by increasing the amount of sound stopped by the structure from 45dB to 49dB.

Impact sound transmission: Lowboard RdB improves impact sound transmission by reducing how much sound is conducted from 78dB to 69dB.

Construction	Airborne sound reduction (dB)	Impact sound transmission (dB)
12.5 British Gypsum Wallboard plasterboard, 225x47mm solid joists at 400mm centres, 22mm chipboard, 24mm LowBoard RdB with a 5.5mm plywood covering (excludes floor finish and any insulation between joists)	49	69
12.5 British Gypsum Wallboard plasterboard, 225x47mm solid joists at 400mm centres, 22mm chipboard (excludes floor finish and any insulation between joists)	45	78