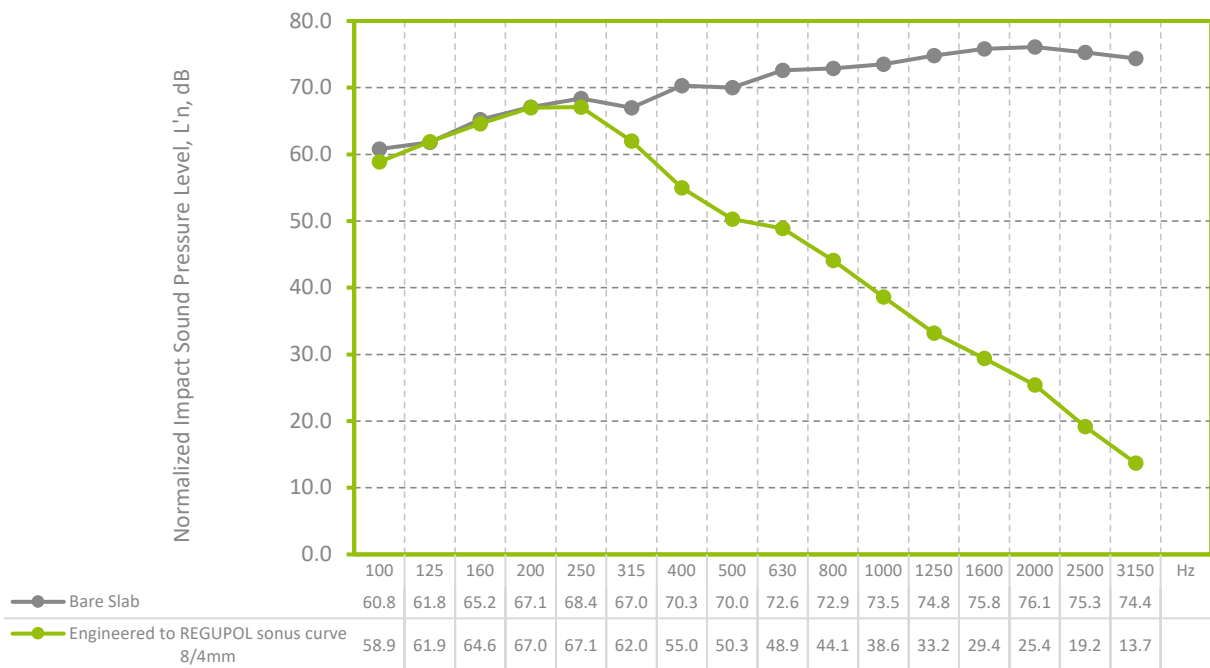


ACOUSTIC TEST

ENGINEERED TIMBER NORMALIZED IMPACT SOUND PRESSURE LEVELS

Bare slab and REGUPOL sonus curve 8/4mm acoustic underlay

Lab Test: CSIRO CLAYTON INR237-03-01 (RG112)
Standard: Tested in accordance with ISO 140-8: 2006 (E), ISO 140-6-2006, AS ISO 717.2-2004, ASTM E989-89
Test Date: 22/9/2017
Construction: Bare 150mm Concrete Slab
 Layer of 14mm Engineered Timber, to **REGUPOL sonus curve 8/4mm** dimpled, to 150mm Concrete Slab (no ceiling)
 * Sample was a non-bonded installation. Floor size 3.6m x 3.0m (10.8m²)



Bare 150mm Concrete Slab

14mm Engineered Timber non-bonded, to REGUPOL sonus curve 8/4mm, non-bonded to 150mm Concrete Slab

L_{n,w} 81 dB

L_{n,w} 57 dB

IIC 26

IIC 53

Improvement ΔL_w

Δ L_w as defined by AS ISO 717.2.2004 Using reference floor L_w 78.

Improvement Δ L_w 18dB

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