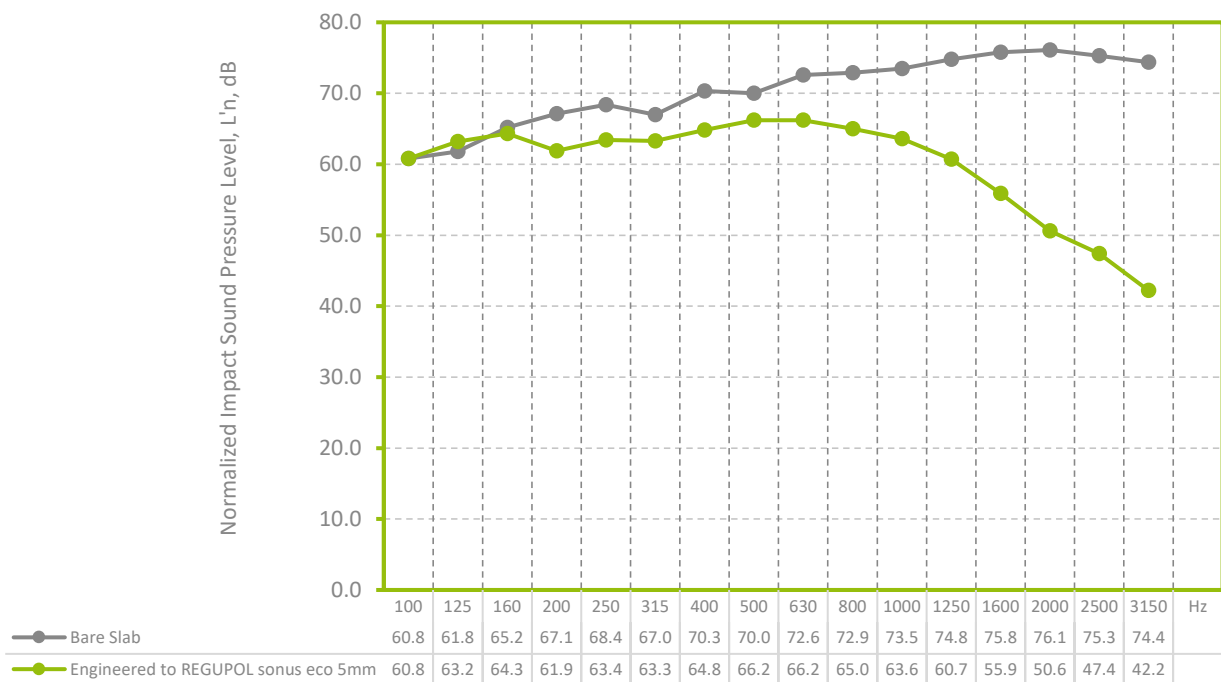


ACOUSTIC TEST

ENGINEERED TIMBER NORMALIZED IMPACT SOUND PRESSURE LEVELS

Bare slab and REGUPOL sonus eco 5mm acoustic underlay

Lab Test: CSIRO CLAYTON INR237-07-01 (RG114)
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 Bonded, to **REGUPOL sonus eco** 5mm Bonded, to 150mm Concrete Slab (no ceiling)
 * Sample was a fully bonded installation using **REGUPOL adhesive 40-203** one part polyurethane. Floor size 3.6m x 3.0m (10.8m²)



Bare 150mm Concrete Slab

**14mm Engineered Timber bonded, to
REGUPOL sonus eco 5mm bonded, to 150mm Concrete Slab**

L_{n,w} 81 dB

L_{n,w} 62 dB

IIC 26

IIC 48

Improvement ΔL_w

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

Improvement Δ L_w 16dB

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