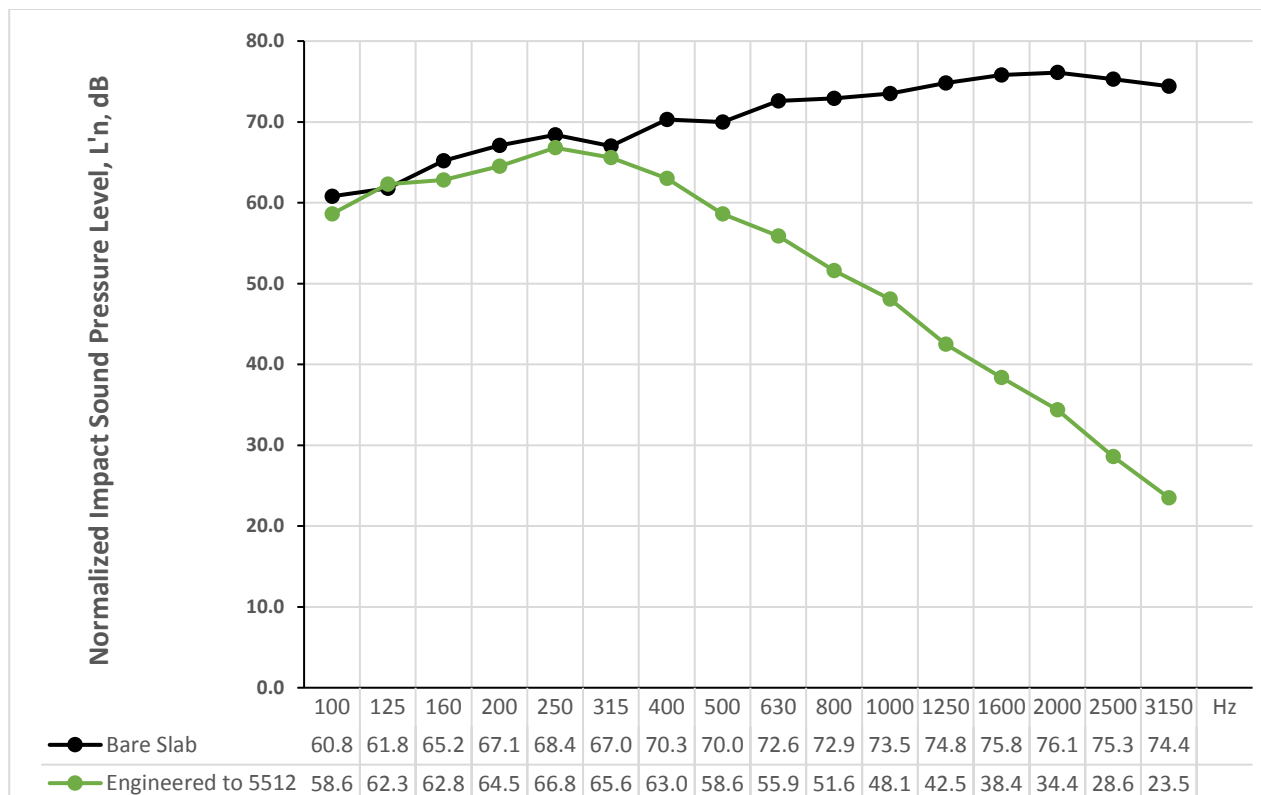


ACOUSTIC TEST



Engineered Timber Normalized Impact Sound Pressure Levels Bare Slab and Regupol® 5512 5mm Acoustic Underlay

Lab Test: CSIRO CLAYTON INR237-01-01
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® 5512 5mm, to 150mm Concrete Slab (no ceiling)
 * Sample was a non-bonded floating installation. Floor size 3.6m x 3.0m (10.8m²)



Results	Improvement ΔL_w	IIC	BCA Compliance	AAAC Star
Bare 150mm Concrete Slab				
$L_{n,w} (C_i) = 81 (-12)$ dB	ΔL_w as defined by AS ISO 717.2.2004 Using reference floor $L_{n,w}$ 78.	IIC 26	Deemed-to-Satisfy Solution	
Layer of 14mm Engineered Timber (floating), to Regupol® 5512 5mm, to 150mm Concrete Slab				
$L_{n,w} (C_i) = 58 (0)$ dB	Improvement ΔL_w 18dB	IIC 52	Complies with Part F5.3 Impact Sound	2 Star

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