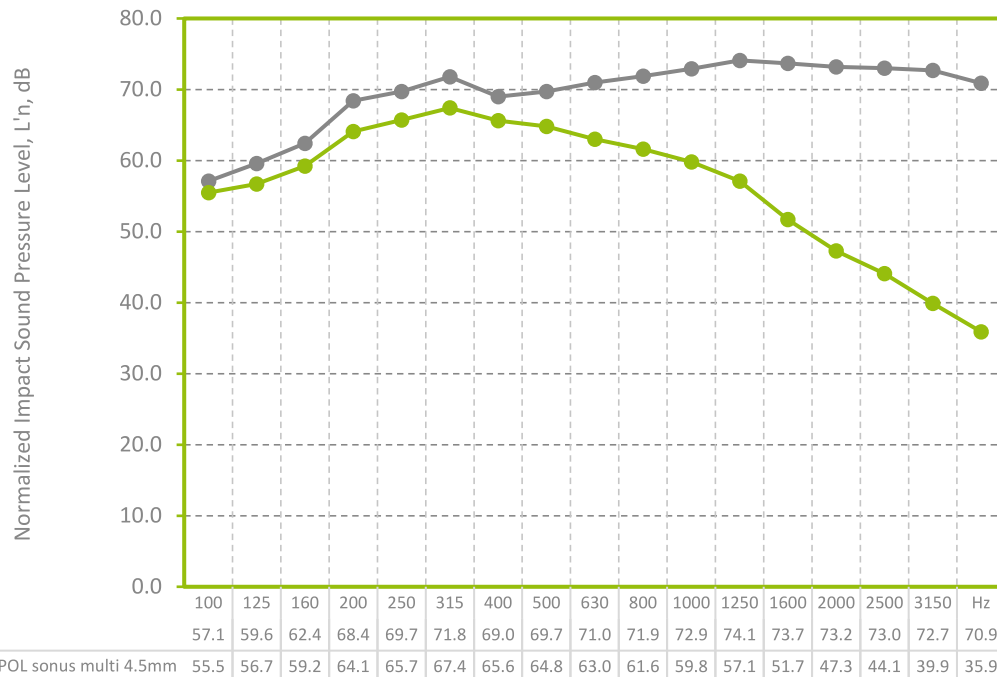


ACOUSTIC TEST

DIRECT TILE NORMALIZED IMPACT SOUND PRESSURE LEVELS

Bare slab and REGUPOL sonus multi 4.5mm acoustic underlay

Lab Test: CSIRO HIGHTETT INR153- Test Floor (b) (RG019)
Standard: Tested in accordance with ISO 140-8: 1997 (E), ISO 140-6-2006, AS ISO 717.2-2004, ASTM E989-89
Test Date: 30/08/2006
Construction: Bare 150mm Concrete Slab
 Layer of 10mm Porcelain Tile, to **REGUPOL sonus multi 4.5mm**, to 150mm Concrete Slab (no ceiling)
**Sample was bonded together and fixed to the concrete slab. Floor size 3.66m x 3.2m (11.7m²)*



Bare 150mm Concrete Slab

Layer of 10mm Porcelain Tile, bonded to REGUPOL sonus multi 4.5mm, bonded to 150mm Concrete Slab

L_{n,w} 79 dB

L_{n,w} 61 dB

IIC 27

IIC 49

Improvement ΔL_w

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

Improvement ΔL_w 17dB

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