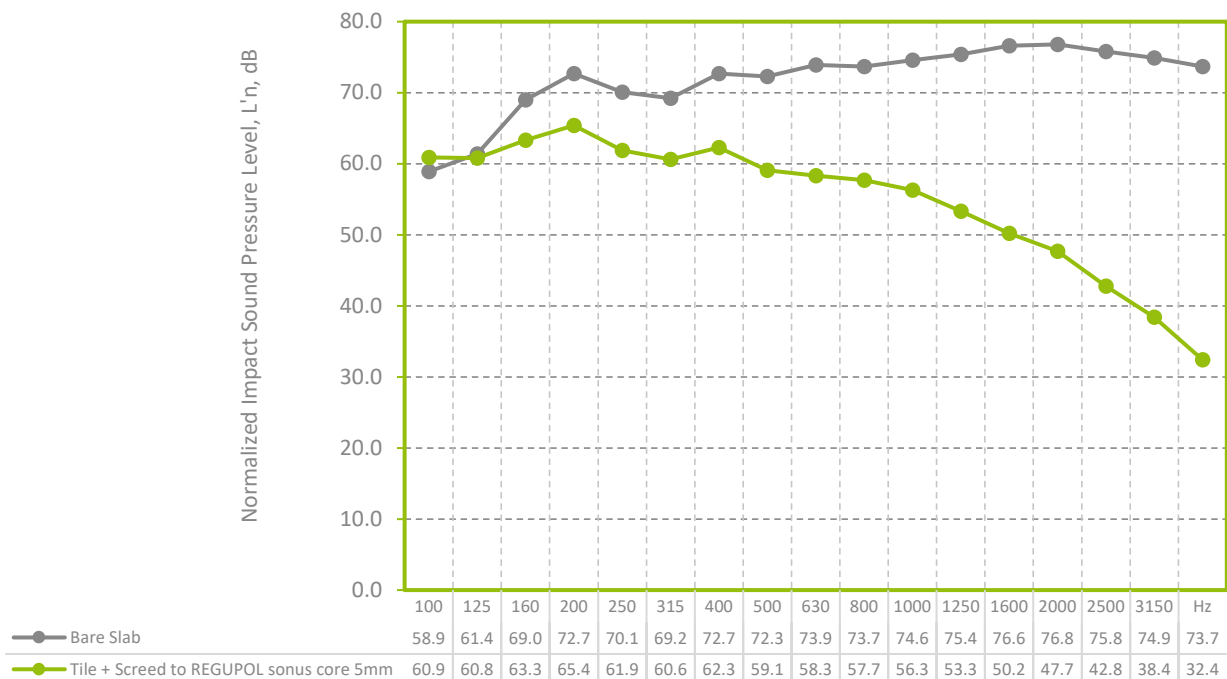


# ACOUSTIC TEST

## TILES WITH SCREED NORMALIZED IMPACT SOUND PRESSURE LEVELS

### Bare slab and REGUPOL sonus core 5mm acoustic underlay

**Lab Test:** CSIRO CLAYTON INR216-01-01 (RG092)  
**Standard:** Tested in accordance with ISO 140-8: 2006 (E), ISO 140-6-2006, AS ISO 717.2-2004, ASTM E989-89  
**Test Date:** 19/9/2016  
**Construction:** Bare 150mm Concrete Slab  
 Layer of 8mm Ceramic Tile, to 30mm Screed Bed, to **REGUPOL sonus core 5mm**, to 150mm Concrete Slab (no ceiling)  
 \*Floor size 3.6m x 3.0m (10.8m<sup>2</sup>)



**Bare 150mm Concrete Slab**

**8mm Ceramic Tile, to 30mm Screed Bed, to  
REGUPOL sonus core 5mm, to 150mm Concrete Slab**

**L<sub>n,w</sub> 82 dB**

**L<sub>n,w</sub> 58 dB**

**IIC 25**

**IIC 52**

**Improvement ΔL<sub>w</sub>**

Δ L<sub>w</sub> as defined by AS ISO 717.2.2004 Using reference floor L<sub>w</sub> 78.

**Improvement Δ L<sub>w</sub> 21dB**

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