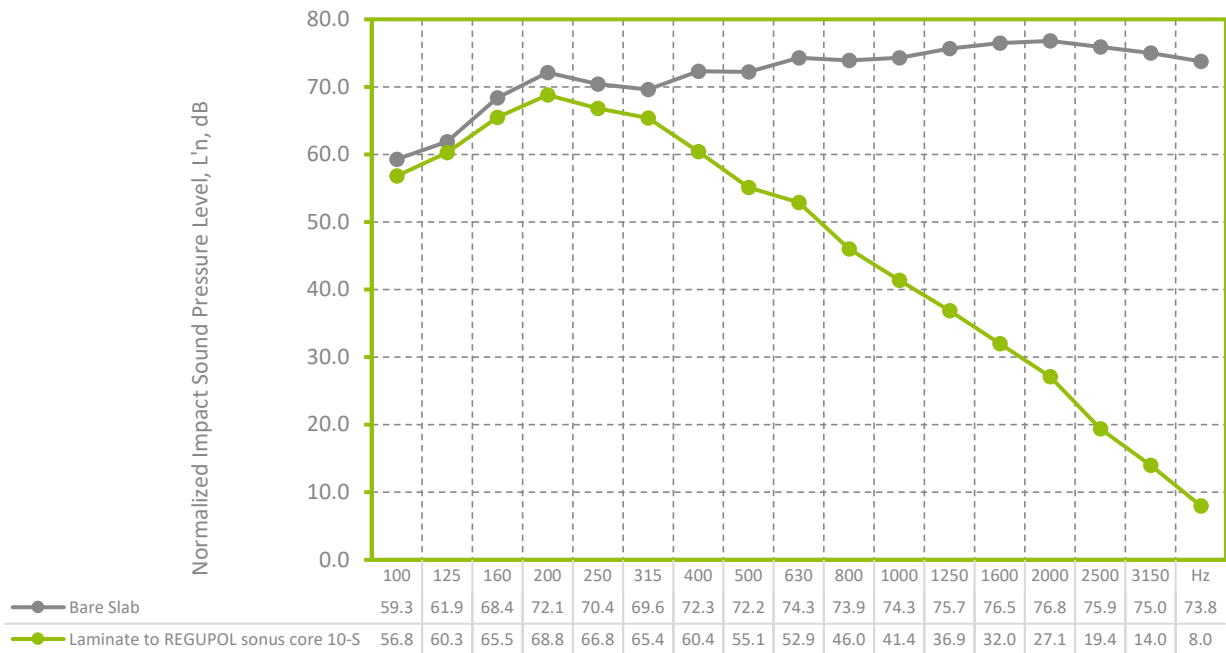


# ACOUSTIC TEST

## LAMINATE NORMALIZED IMPACT SOUND PRESSURE LEVELS

### Bare slab and REGUPOL sonus core 10-S acoustic underlay

**Lab Test:** CSIRO CLAYTON INR216-12-1 (RG091)  
**Standard:** Tested in accordance with ISO 140-8: 2006 (E), ISO 140-6-2006, AS ISO 717.2-2004, ASTM E989-89  
**Test Date:** 22/9/2016  
**Construction:** Bare 150mm Concrete Slab  
 Layer of 8mm Laminate, to **REGUPOL sonus core 10-S** 10mm, to 150mm Concrete Slab (no ceiling)  
*\*Sample was a non-bonded floating installation. Floor size 3.6m x 3.0m (10.8m<sup>2</sup>)*



**Bare 150mm Concrete Slab**

**8mm Laminate non-bonded, to REGUPOL sonus core 10-S 10mm, non-bonded to 150mm Concrete Slab**

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

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

**IIC 25**

**IIC 51**

**Improvement ΔL<sub>w</sub>**

**Improvement Δ L<sub>w</sub> 20dB**

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

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