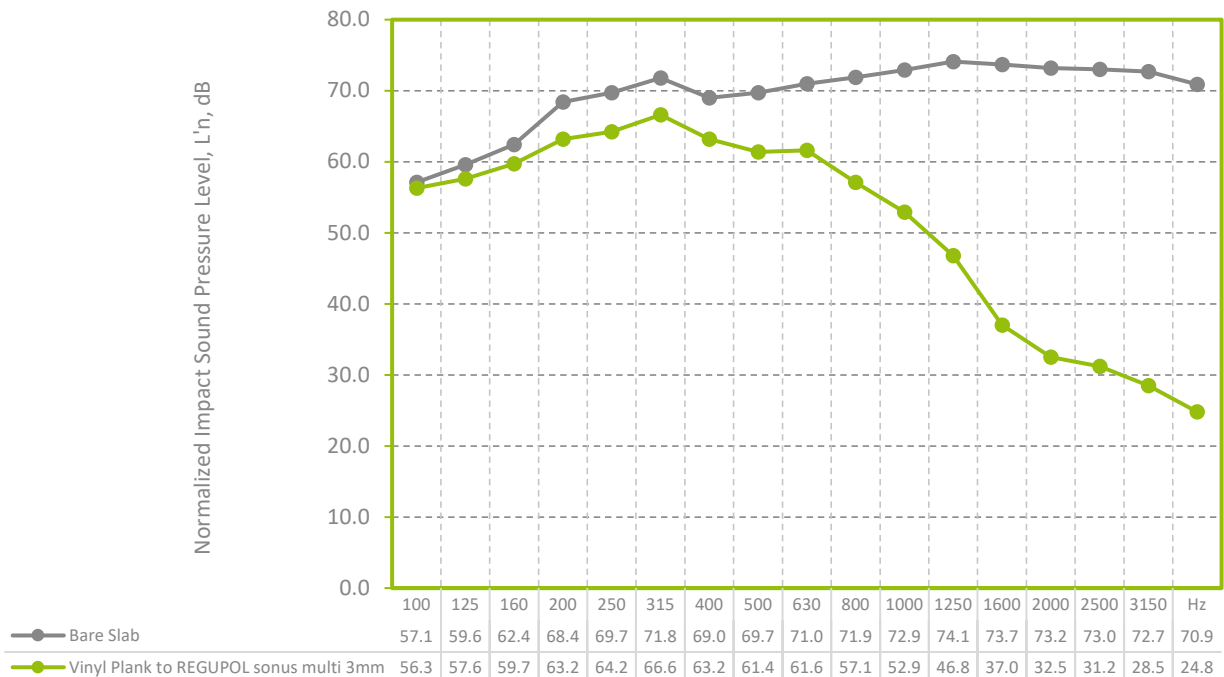


# ACOUSTIC TEST

## VINYL PLANK NORMALIZED IMPACT SOUND PRESSURE LEVELS

### Bare slab and REGUPOL sonus multi 3mm acoustic underlay

**Lab Test:** CSIRO HIGHTETT INR153 – Test Floor (a) (RG019)  
**Standard:** Tested in accordance with ISO 140-8: 1997 (E), ISO 140-6, AS ISO 717.2-2004, ASTM E989-89  
**Test Date:** 30/08/2006  
**Construction:** Bare 150mm Concrete Slab  
 Layer of 2mm Vinyl Planks, to **REGUPOL sonus multi 3mm**, to 150mm Concrete Slab (no ceiling)  
*\*Sample was bonded together and fixed to the concrete slab. Floor size 3.66m x 3.2m (11.7m<sup>2</sup>)*



**Bare 150mm Concrete Slab**

**2mm Vinyl Planks, bonded to REGUPOL sonus multi 3mm, bonded to 150mm Concrete Slab**

**L<sub>n,w</sub> 79 dB**

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

**IIC 27**

**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> 18dB**

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