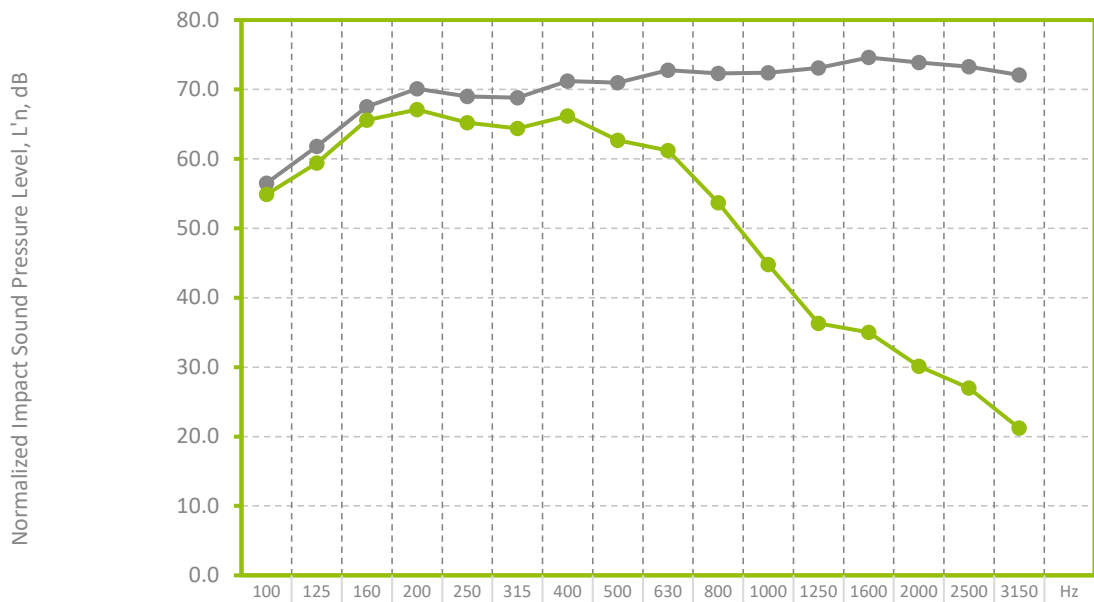


# ACOUSTIC TEST

## VINYL PLANK NORMALIZED IMPACT SOUND PRESSURE LEVELS

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

**Lab Test:** CSIRO CLAYTON INR210-04-01 – Test Sample (RG084)  
**Standard:** Tested in accordance with ISO 140-8: 2006 (E), ISO 140-6-2006, AS ISO 717.2-2004, ASTM E989-89  
**Test Date:** 27/5/2016  
**Construction:** Bare 150mm Concrete Slab  
 Layer of 4.5mm LLVT Vinyl Plank, to **REGUPOL sonus multi 3mm**, to 150mm Concrete Slab (no ceiling)  
*\*Sample was dual bonded using **REGUPOL adhesive 43-103** resilient one part. Floor size 3.6m x 3.0m (10.8m<sup>2</sup>)*



	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	Hz
—●— Bare Slab	56.5	61.8	67.5	70.1	69.0	68.8	71.2	71.0	72.8	72.3	72.4	73.1	74.6	73.9	73.3	72.1	
—●— LLVT Vinyl Plank to REGUPOL sonus multi 3mm	54.9	59.4	65.6	67.1	65.2	64.4	66.2	62.7	61.2	53.7	44.8	36.3	35.0	30.1	27.0	21.2	

#### Bare 150mm Concrete Slab

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

**IIC 28**

**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.

#### 4.5mm LLVT Vinyl Plank, bonded to REGUPOL sonus multi 3mm, bonded to 150mm Concrete Slab

**L<sub>n,w</sub> 59 dB**

**IIC 51**

**Improvement Δ L<sub>w</sub> 18dB**

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