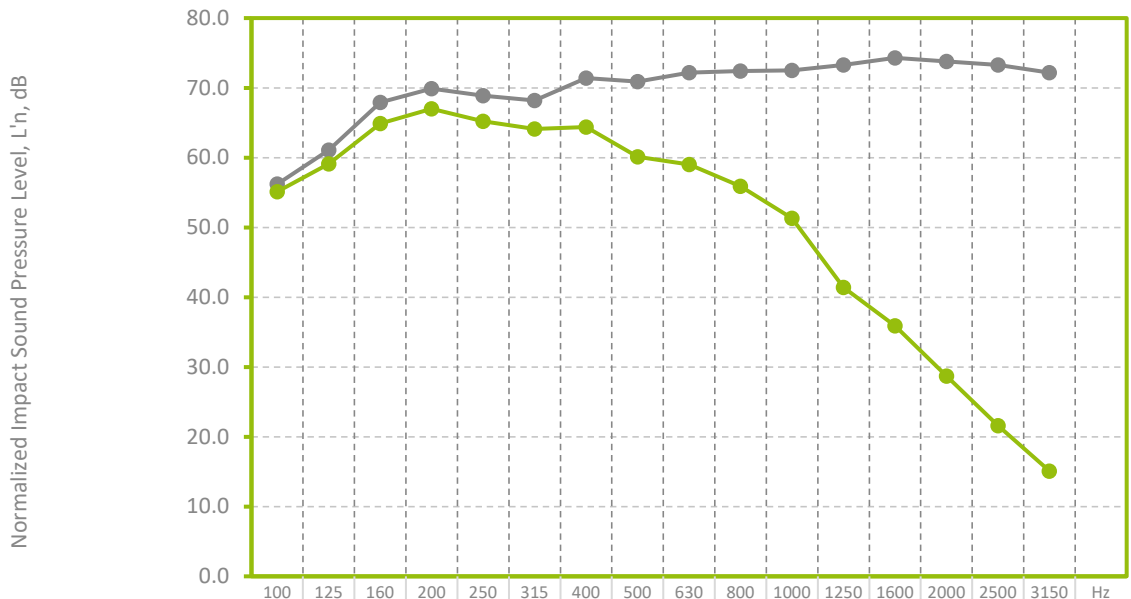


# ACOUSTIC TEST

## VINYL PANK NORMALIZED IMPACT SOUND PRESSURE LEVELS

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

**Lab Test:** CSIRO CLAYTON INR210-01-01 (RG081)  
**Standard:** Tested in accordance with ISO 140-8: 2006 (E), ISO 140-6-2006, AS ISO 717.2-2004, ASTM E989-89  
**Test Date:** 27/05/2016  
**Construction:** Bare 150mm Concrete Slab  
 Layer of 4.5mm LLVT Vinyl Planks, to **REGUPOL sonus multi 3mm**, to 150mm Concrete Slab (no ceiling)  
*\*Sample was a non-bonded installation. 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	56.2	61.1	67.9	69.9	68.9	68.2	71.4	70.9	72.2	72.4	72.5	73.3	74.3	73.8	73.3	72.2	
—●— LLVT Vinyl Plank to REGUPOL sonus multi 3mm	55.1	59.1	64.9	67.0	65.2	64.1	64.4	60.1	59.0	55.9	51.3	41.4	35.9	28.7	21.6	15.1	

#### 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, non-bonded to REGUPOL sonus multi 3mm, non-bonded to 150mm Concrete Slab

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

**IIC 52**

**Improvement Δ L<sub>w</sub> 19dB**

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