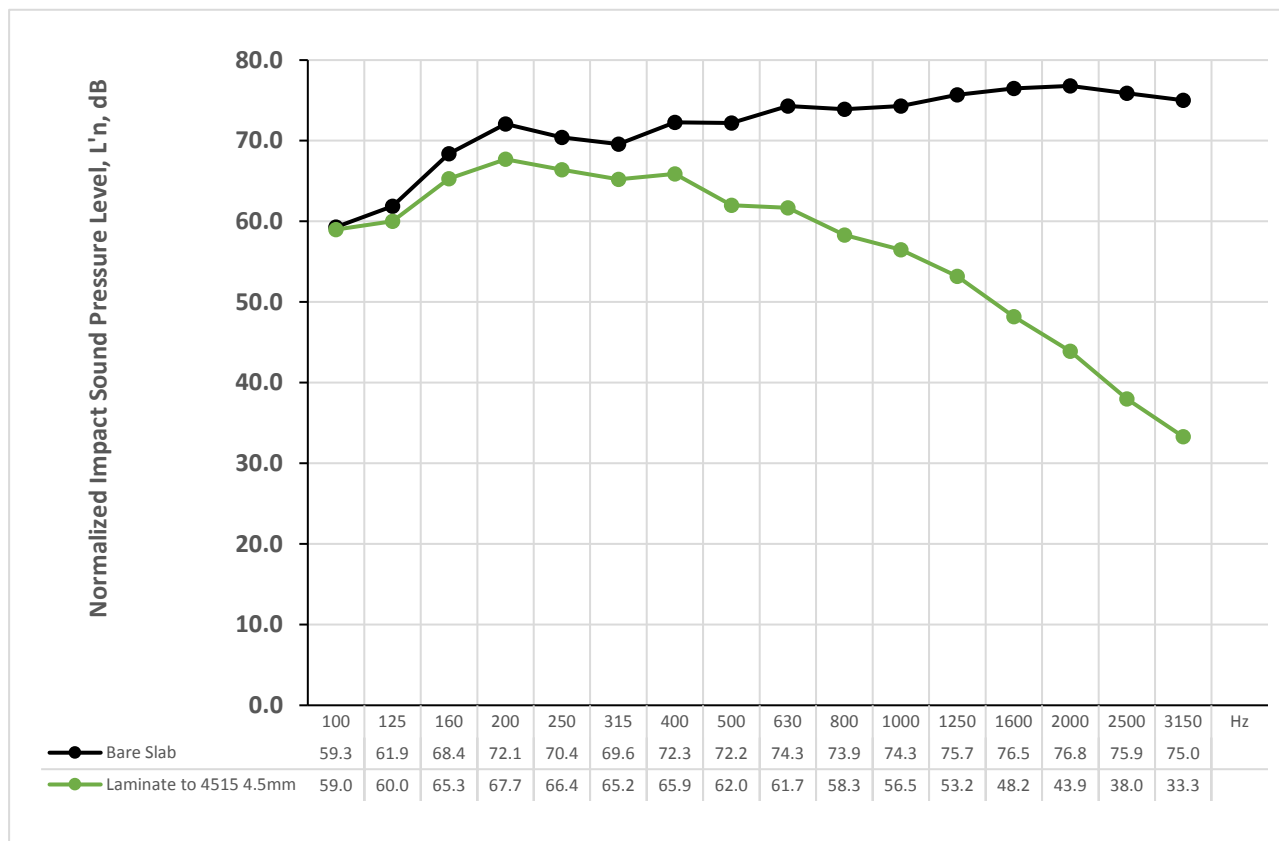


ACOUSTIC TEST

Laminate Normalized Impact Sound Pressure Levels Bare Slab and Regupol® 4515 4.5mm Acoustic Underlay

Lab Test: CSIRO CLAYTON INR216-09-1
Standard: Tested in accordance with ISO 140-8: 2006 (E), ISO 140-6-2006, AS ISO 717.2-2004, ASTM E989-89
Test Date: 22/09/2016
Construction: Bare 150mm Concrete Slab
 Layer of 8mm Laminate, to Regupol® 4515 4.5mm, to 150mm Concrete Slab (no ceiling)
 * Sample was a non-bonded floating installation. Floor size 3.6m x 3.0m (10.8m²)



| Results | Improvement ΔL_w | IIC | BCA Compliance | AAAC Star |
|---|--|--------|--------------------------------------|-----------|
| Bare 150mm Concrete Slab | | | | |
| $L_{n,w} (C_i) = 82 (-12)$ dB | ΔL_w as defined by AS ISO 717.2.2004 Using reference floor $L_{n,w}$ 78. | IIC 25 | Deemed-to-Satisfy Solution | |
| Layer of 8mm Laminate (floating), to Regupol® 4515 4.5mm, to 150mm Concrete Slab | | | | |
| $L_{n,w} (C_i) = 60 (-1)$ dB | Improvement ΔL_w 19dB | IIC 50 | Complies with Part F5.3 Impact Sound | 2 Star |

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