

ACOUSTIC TEST

T&G TIMBER NORMALIZED IMPACT SOUND PRESSURE LEVELS

Bare slab and REGUPOL sonus curve 17/8mm acoustic underlay

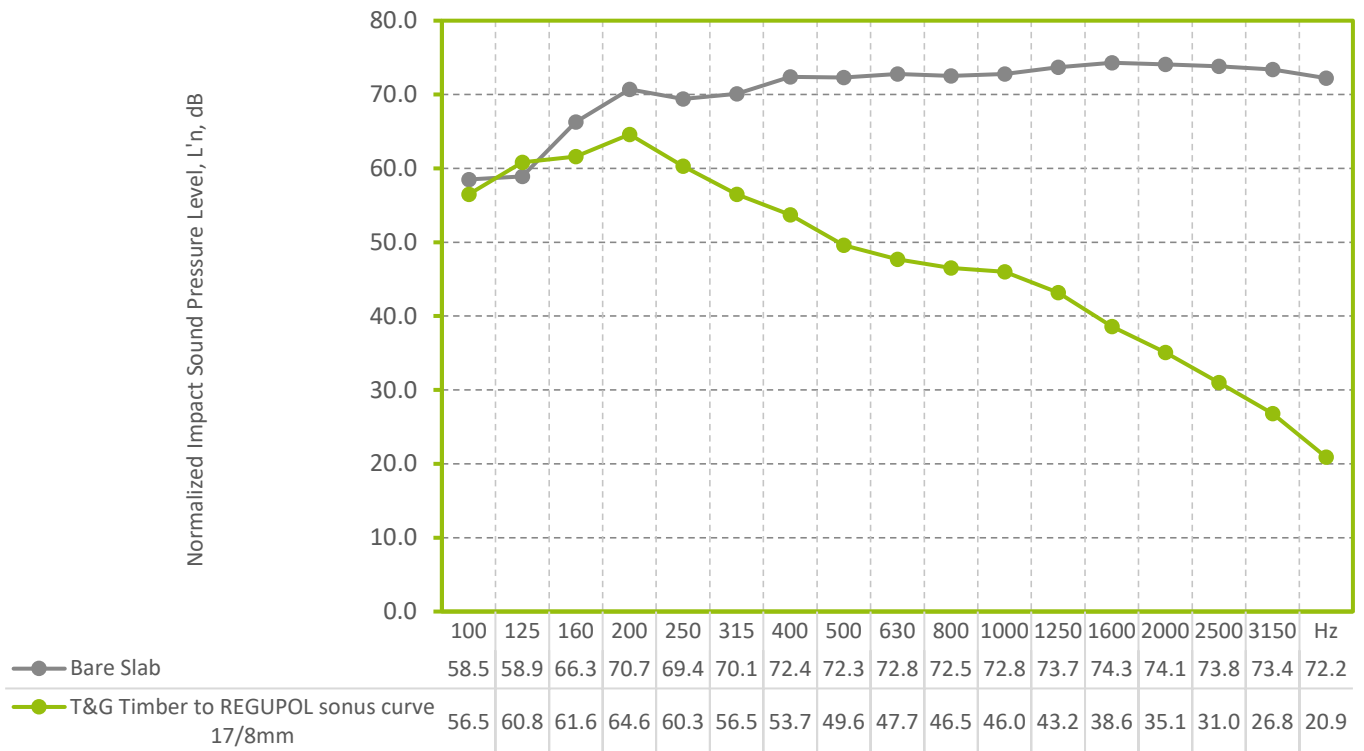
Lab Test: CSIRO INR141 - Test Sample (g) (RG018)

Standard: Tested in accordance with ISO 140-8: 1997 (E), ISO 140-6-2006, AS ISO 717.2-2004, ASTM E989-89

Test Date: 15/02/2004

Construction: Bare 170mm Concrete Slab

Layer of 19mm T&G Timber, bonded to 18mm Yellow Tongue, bonded to **REGUPOL sonus curve 17/8mm** dimpled, to 170mm Concrete Slab (no ceiling) * Sample was bonded together and fixed to the concrete slab. Sample size 1200 x 1200m



Bare 170mm Concrete Slab

**Layer of 19mm T&G Timber, bonded to 18mm Yellow Tongue,
bonded to REGUPOL sonus curve 17/8mm,
bonded to 170mm Concrete Slab**

$L_{n,w}$ 80 dB

$L_{n,w}$ 53 dB

IIC 27

IIC 55

Improvement ΔL_w

ΔL_w as defined by AS ISO 717.2.2004 Using reference floor L_w 78.

Improvement ΔL_w 27dB

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