

14 September 2012

Ref: 30U-12-0052-GCO-302054-0

Attention: Michael Jones

Stauf Australia Pty Ltd
Level 1
450 St Kilda Road
Melbourne VIC 3004

Project: Stauf SMP-960 Glue

Subject: In Situ Impact Sound Insulation Test

Dear Michael,

Please find attached our report 30U-12-0052-TRP-302053-0 for the impact sound insulation test, taken on the floor separating units 1902 and 1802 at 15 Collins Street on September 5th, 2012.

Test site conditions

The floor-ceiling construction separating the units is understood to consist of:

- Concrete slab (thickness reported by Stauf: 200mm) with 5mm screed and painted finish to the underside
- 16mm thick compressed fibre ceiling tiles suspended on aluminium frame 130mm below the slab

Impact sound insulation test

The impact sound insulation test was conducted in accordance to AS/NZS ISO 140.7 on a 1.45m x 1.91m sample of engineered timber floor (21mm oak, tongue & groove system including a 6mm top layer) adhered to the floor slab using Stauf SMP-960 glue (approx. 4mm thick), following rigorously the manufacturer's instructions.

The Weighted Standardized Impact Sound Level with Correction Adaptation term determined in accordance to AS ISO 717.2 has been calculated as $L'_{nT,w}+C_I = 45$ dB.

The value measured for the tested configuration satisfies the requirements of the National Construction Code (NCC, formerly known as BCA) for in-situ Impact Sound Insulation performance for floor-ceiling constructions between residential units ($L'_{nT,w}+C_I$ not greater than 62 dB).

We note that similar constructions (e.g. with plasterboard ceiling) would be expected to also meet this requirement.

Yours sincerely,

Vipac Engineers & Scientists Ltd

Marc Buret