



Achieved: Greatly reduced sound transmission in multi-level residential development.

Client: Meriton Apartments

Place : Blackwell Point Rd, Chiswick, NSW

Material : Soundproof Underlay

How installing soundproof underlay helps ensure quiet living for apartment residents

PROBLEM: Each apartment has areas of tiled floor that transmit a degree of impact sound to the apartment below. This results in noise transfer outside Building Code of Australia (BCA) guidelines.

SOLUTION: Prepare and install a sound-insulating underlay that exceeds BCA guidelines and that will accept tiled finishes.

CONSTRAINTS: Minimise downtime to following trades and be capable of completing apartments on short notice.

MATERIAL: Ardex Soundproof Underlay

- Flexible
- Semi-self-smoothing
- Fireproof
- Low build (minimal increase in floor height)
- IICR (Impact Insulation Class Rating) exceeds BCA guidelines
- Compatible with most popular tile adhesives and membranes.

METHOD: Vacuum diamond-grind preparation, prime and install specified system (5 or 10 mm).

RESULT: A floor whose insulation against sound transmission exceeds the BCA guidelines and that was ready for tiling after 24 hours cure time.

MORAL: For multi-level residential and commercial areas where hard floor coverings such as ceramic or stone tiles are specified, the requirement to reduce noise transfer can now be achieved in a timely and economic procedure by Dynamic Flooring Australia.



Prestige apartments such as Meriton's warrant a hushed environment, which the Dynamic Flooring Australia team achieved using their new Soundproof Underlay system, which is fireproof and accepts tiled finishes

“Your business travels on its floors”