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Soundproofing The Concrete Ceiling of a Flat

Case Study - November 2018

Client: Gerrit van Rooyen

Location: Cape Town

History: The client experienced constant noise intrusions from the flat above, both in the form of impact sounds as well as airborne noise. This resulted in sleepless nights and a general annoyance when watching TV or entertaining friends. However, when the flat above was let out as an Air B&B the situation escalated! It got so bad that he considered moving house. Thankfully he called Genesis Acoustics for help first.

The Solution: The Genesis Acoustics installation team removed the existing rhino board ceiling and replaced it with two layers of our 12mm thick Acoustic Board and used a visco-elastic soundproofing layer in-between the boards. Where no insulation had existed in the cavity above previously, we installed our 50mm thick 60D insulation to great effect.

The solution was achieved using the following products:

- ★ 12mm thick Genesis Acoustic Boards x 2 = 24mm thick ceiling
- ★ 50mm thick 60D Acoustic Insulation
- ★ Green Glue Compound & Sealant

Owner Gerrit's comments:

"It took us a while to settle on a solution that we were satisfied with. The Genesis team worked hard to convince us that it was the right thing to do and I had my doubts. In the end, though, I cannot fault what was achieved. Not only has it taken care of our noise issues completely but the overall workmanship was excellent and we are extremely happy with the final result - both from a soundproofing perspective and aesthetically. Well done to all involved!"

DURING



AFTER

