

Case Study

Soundproofing Floor/Ceiling Case Study

Client: Architect Rauri Duff
Location: Cape Town
Contact info:

History:

The owners of an upmarket B & B approached Rauri for assistance as they had a sound transmission problem as a result of their floor / ceiling construction between the ground & first floor of their business.

A particular challenge of the job was that they wanted to keep their existing “look” intact, with beautiful ceiling beams & decorative wooden slats in between.

The Solution:

They removed the decorative slats then installed a new false ceiling, based upon good soundproofing principles, in between the beams using the following products supplied by Genesis Acoustics:

- Genesis Acoustics 75mm thick Cavity Insulation (Placed in the ceiling cavity above ceiling panels)
- Genesis Acoustics Ceiling Panels – NRC 0.7

As a finishing touch the decorative woods slats were re-installed to match the original look.

Rauri's comments:

“My client is very happy with the sound-reduction so we'll soon be ordering product for another 2 rooms.

