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Case Study - November 2018 Soundproofing of Boardrooms

Client: The Vaccine Bureau



Location: Midrand, Johannesburg

History: The client had two boardrooms where multiple soundproofing and acoustic issues were identified. For starters the boardrooms were only separated by hollow drywall and the ceilings which were not soundproofed. It was difficult for them to use these boardrooms at the same time, as even normal conversation could be heard through the drywall & ceiling structure, disturbing the meeting on the other side. In addition to that one of the boardrooms was directly adjacent to a busy workshop and the noise from the workshop could be heard in the boardroom!

The Solution: First the drywalls were treated with a layer of Genesis acoustic boards and a viscoelastic soundproofing compound. The problematic wall separating the boardroom from the workshop was soundproofed with Genesis 100mm thick, 60D acoustic insulation and Genesis acoustic board. With the soundproofing of the various walls finished they were then all skimmed, primed and painted to match the other walls in the rooms. We tackled the ceiling problem by replacing the existing panels with Genesis Acoustic ceiling panels and installing two layers of Genesis 60D acoustic insulation above the ceiling, to a 100mm thickness. Not only did this soundproof the ceiling but it also improved the quality of the sound within the rooms.

The solution was achieved using the following products:

- ✦ 12mm thick, Genesis Acoustic Boards
- ✦ 50mm thick, Genesis 60D Acoustic Insulation (installed to 100mm thick)
- ✦ Genesis Green Glue Sealant
- ✦ Genesis Green Glue soundproofing Compound
- ✦ Genesis Acoustic Ceiling Panels - White

Client's comments:

Cecile had the following to say, "I would like to thank Genesis for the work done in our boardrooms. We are very pleased with the results and also with how neatly it was done"

Soundproofing of the workshop wall in progress



Completed

