

## CASE STUDY

# ACOUSTIC SOLUTION FOR ROOF TOP AIR CONDITIONING SYSTEM



## Background

Having successfully installed an AcoustiSorb wall for a previous project, Enterprise Data turned to ModularWalls once more. The challenges that needed to be resolved were threefold. Firstly, eliminate complaints from neighbouring residents about the noise generated from their roof top air conditioning system. Secondly, the noise mitigation solution had to be aesthetically pleasing for the business located in Sydney's thriving Norwest Business Park. Thirdly, a waterproof membrane on the roof top of the multi-level Enterprise Data building could not be punctured or undermined.

## Solution

After an acoustic assessment by the ModularWalls team, it was determined that a bespoke noise mitigation screen-wall was required. The solution comprised of 75mm panel-link pre-coloured 'Thredbo White' smooth skin panels to ensure it comfortably exceeded the noise attenuation required. The quick and efficient one-day installation has resulted in no further noise complaints from neighbouring residents. ModularWalls innovatively devised the noise mitigation screen-wall to be anchored to the existing balustrade support structure to ensure the waterproof membrane was not compromised in anyway. ModularWalls managed the entire process from concept drawings, detailed design and engineering through to installation, again proving that no challenge is insurmountable and that the ModularWalls system is truly versatile. As a business like Enterprise Data grows, the need for innovative acoustic solutions expands too - which is why ModularWalls is Australia's leader and fastest growing manufacturer of commercial acoustic walls.

Industry leader in innovative and cost effective acoustic and boundary walls

- Proven acoustic performance
- Cost effective
- Durable, lightweight modular construction
- Quick and easy installation
- Suited to environmentally harsh and remote locations

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