



ALDI Secures Smart Noise Barrier Surrounding Store Car Park

Challenge

When the discount supermarket that's offers smarter shopping were looking for a smarter solution to shield the neighbouring residents from unwanted car park and loading dock noise they enlisted the noise abatement leaders, Modular Wall Systems. In addition, there was a requirement for a custom designed acoustic solution from the noise of an ALDI loading dock that operates extended hours. Due to the site typography, a retaining solution was equally critical as the noise abatement. With mandatory requirements set by an acoustic engineer - good design, engineering, wind loading, and fixing method was paramount.

Solution

It was a combination of several Modular Wall System products that provided the perfect solution, including GuardianWall™. When incorporated with AcoustiMax™75 panels a noise reduction of 28Rw is comfortably achieved and ensured sufficient noise attenuation for neighbouring residents.

A section of our wall system had to retain 600mm of soil, our TerraFirm panel was installed. Our retaining wall system is aesthetically superior to other retaining solutions, our seamless design provides the same continuous look throughout.



Modular Wall
systems

**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

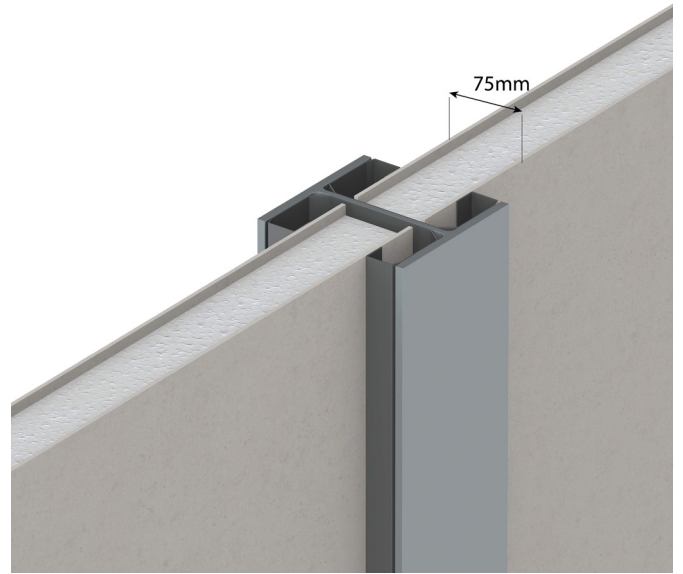


Call us on 0800 9155429 or
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GuardianWall™ Construction



GuardianWall™ Post



Acoustic Qualities

All Modular Wall Systems products have acoustic properties and are acoustic lab tested and rated with reflective panels achieving a 20+ dB improvement.

