

CASE STUDY

VISUALS MEET ACOUSTICS TO PROTECT MCDONALDS RESTAURANT FROM RAILWAY



Background

McDonalds at Sandgate borders a train line at the rear. The wall was to serve a dual purpose of sound attenuation from the train line at the rear as well as provide visual security for both boundaries. The wall needed to be 3m tall and mounted onto of a block wall which meant an engineering assessment needed to be undertaken to design a suitable and invisible receptor to attach the posts to as well as considering the imposed loads that the wall and wind actions will apply to the block wall.

Solution

A VogueWall utilising our AcoustiMax 75mm panel was selected as it could exceed the acoustic attenuation as well as achieving the 3m height requirement. The final wall configuration took many twists and turns around the complex boundary lines and once painted looked amazing, tying the boundary wall into the colour scheme of the store.

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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