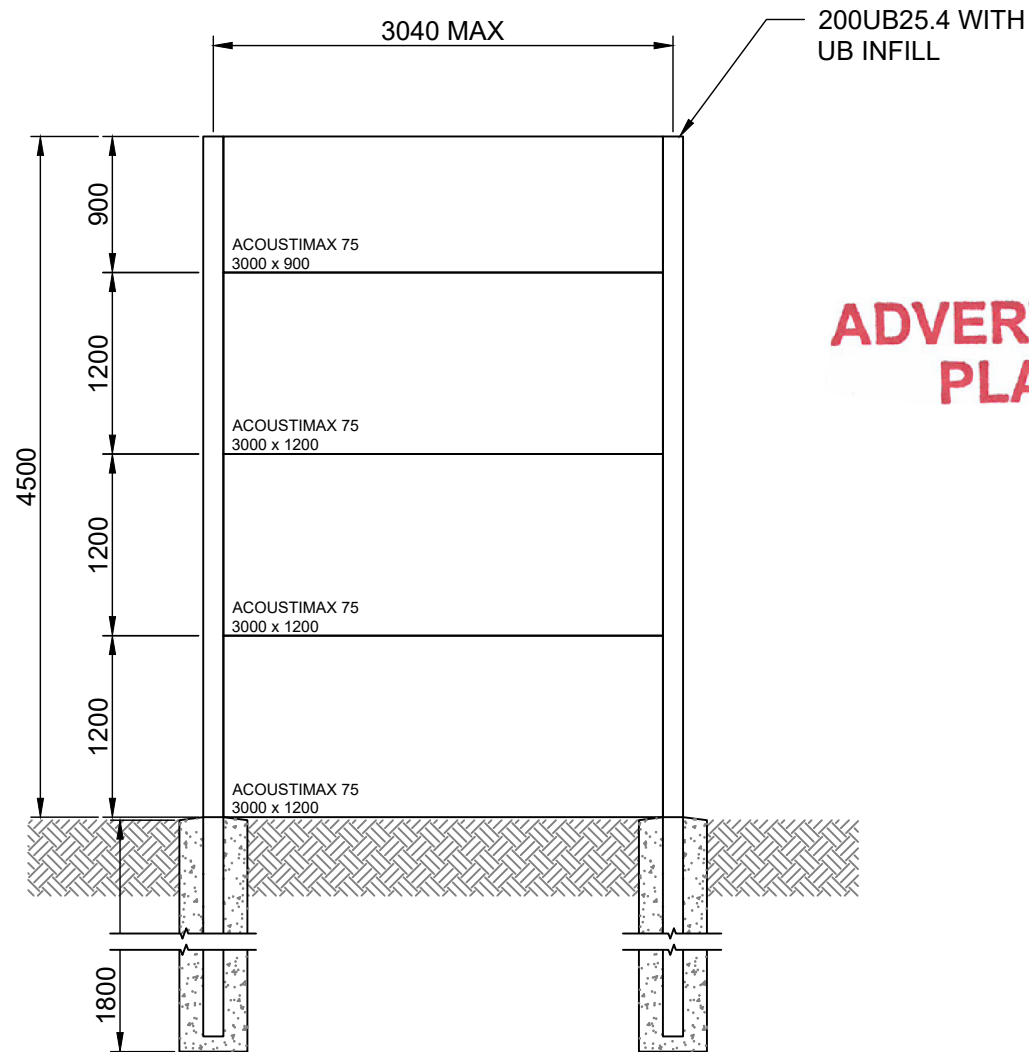


TYPICAL PLAN
SCALE 1:10

This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

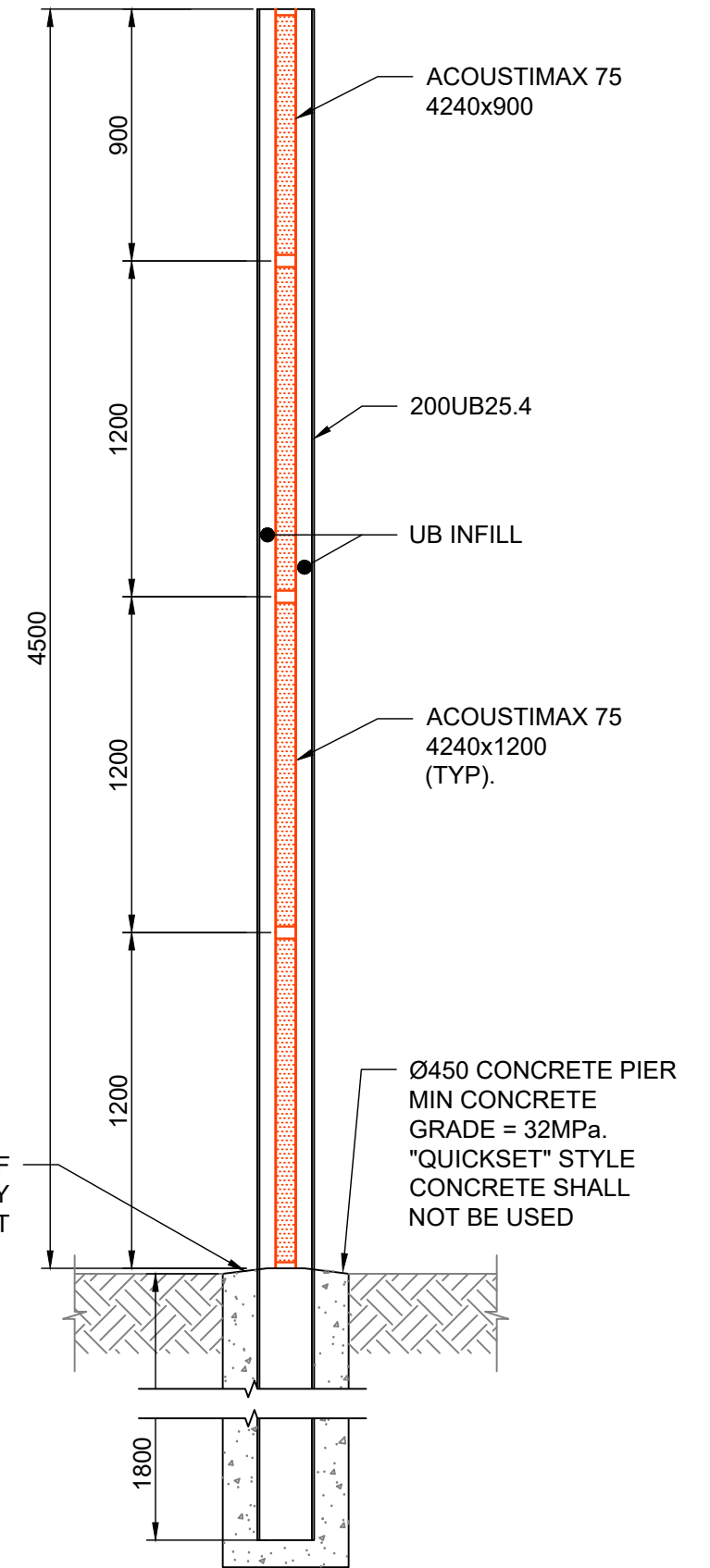


TYPICAL ELEVATION
SCALE 1:50

ADVERTISED
PLAN

NOTE:

- ASSUMING NO SHIELDING
- TERRAIN CATEGORY TC2.5
- CLAY 75KPA



TYPICAL SECTION
SCALE 1:25

FOR APPROVAL

This drawing is the property of Modularwalls (MW) and is supplied on the understanding that it is not to be used for any purpose, copied or communicated to any other person without the written permission of the proprietor. MW products will be supplied to the applicable description and manufactured from material as specified. This drawing is provided in good faith for consultation purposes only and all specifications including, but not limited to, local regulations, engineering standards, recommendations and practices as well as dimensional conformity to the intended application remain the responsibility of the purchaser. All rights are reserved for product design concept.

AMENDMENT REGISTER			
Rev.	Amendment Detail	EDITED BY:	CHECKED BY:

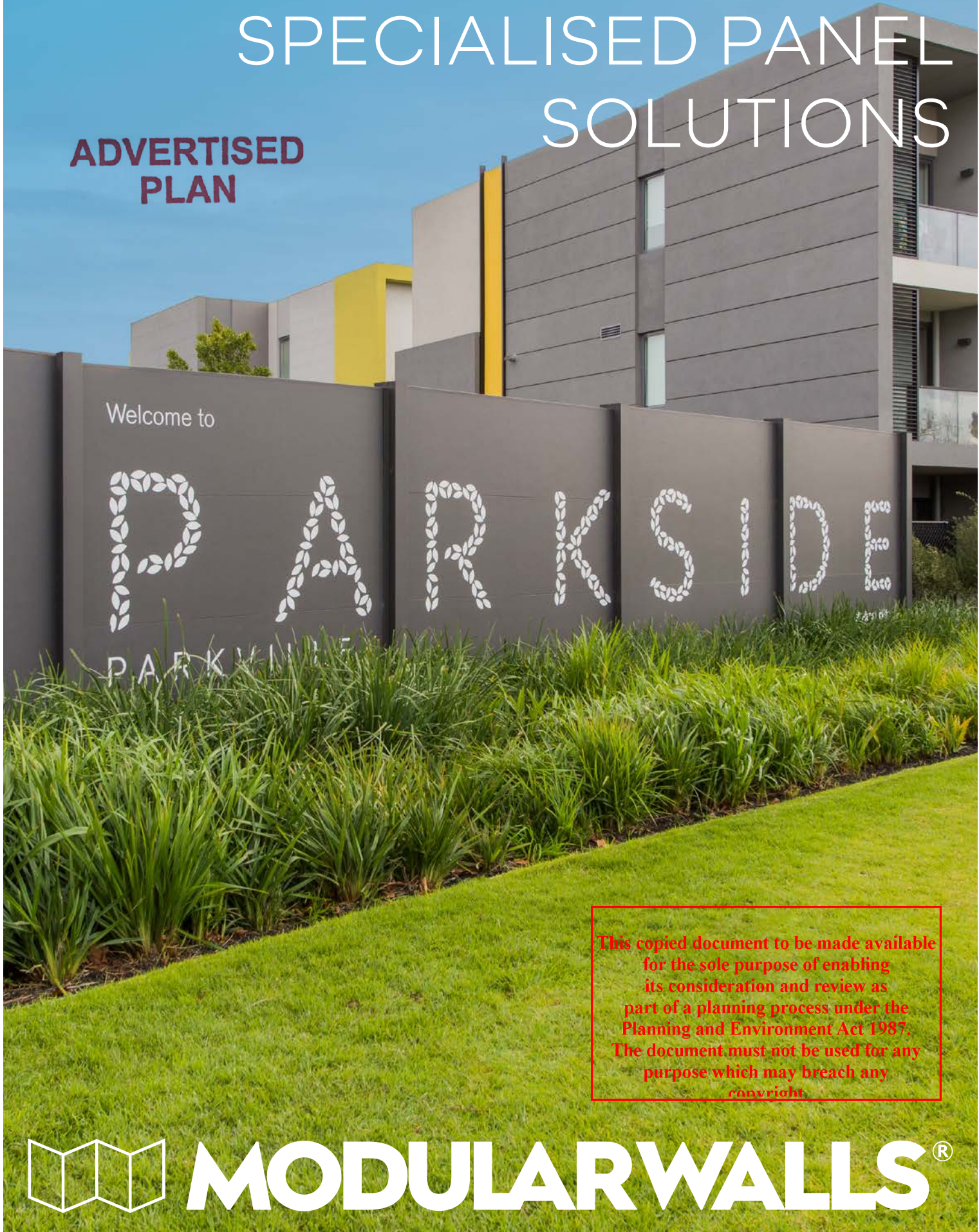


**2 Clerke Place
KURNELL NSW 2231**
www.modularwalls.com.au Ph: 02 9540 6666 Fax: 02 9540 6667
 email: info@modularwalls.com.au ABN: 33 168 379 128

Project	Scale: 1:10, 1:25, 1:50
MODULAR WALLS STANDARD DETAILS	DRAWN BY: JT
Drawing Title	CHECKED BY:
GUARDIAN WALL TYPICAL DETAILS	Date:
	Drawing Number: MW00000-TD-01
	Rev:

ACOUSTIC WALLS & SPECIALISED PANEL SOLUTIONS

**ADVERTISED
PLAN**



This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright.



MODULARWALLS®



ADVERTISED PLAN

With over 30 years manufacturing experience in composite panelling, we invented the modular wall over 16 years ago. Since then, we have continued to innovate and expand our product range.

We continue to lead through innovation to produce cost effective and acoustically proven solutions for our clients.

ModularWalls has a proven performance record across thousands of commercial noise abatement, security, privacy and architectural projects, having partnered with some of Australia's largest companies and government departments.

We are proudly Australian owned and manufactured with a reputation for quality and innovation.



This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

WHY MODULARWALLS®?

As the leading manufacturer of cost-effective boundary walls, ModularWalls can offer a solution for every challenge. Whether it be noise reduction, impact resistance, privacy screening or protection from environmental hazards, our custom design and fast installation will ensure a cost-effective solution.

ADVERTISED PLAN

This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright



New Farm State School - New Farm, QLD

The ModularWalls® advantage

A reputation for quality and innovation

ModularWalls has successfully delivered over 20,000 projects - some of which have been located in the harshest and most challenging climatic conditions.

Cost effective

With the surge in demand for bricks and concrete, along with increasing cost of labour, construction professionals are looking to alternative wall solutions to emulate the look of traditional products. This saves the high costs and hassles associated with masonry and concrete construction.

Strong and durable

Composite panel technology provides a panel that is strong, lightweight and will not rot, warp or corrode. Virtually maintenance free, a modular wall displays amazing rigidity in any situation. The unique post design allows for any future ground movement without affecting the wall's integrity, therefore, it will not crack like other masonry wall materials.

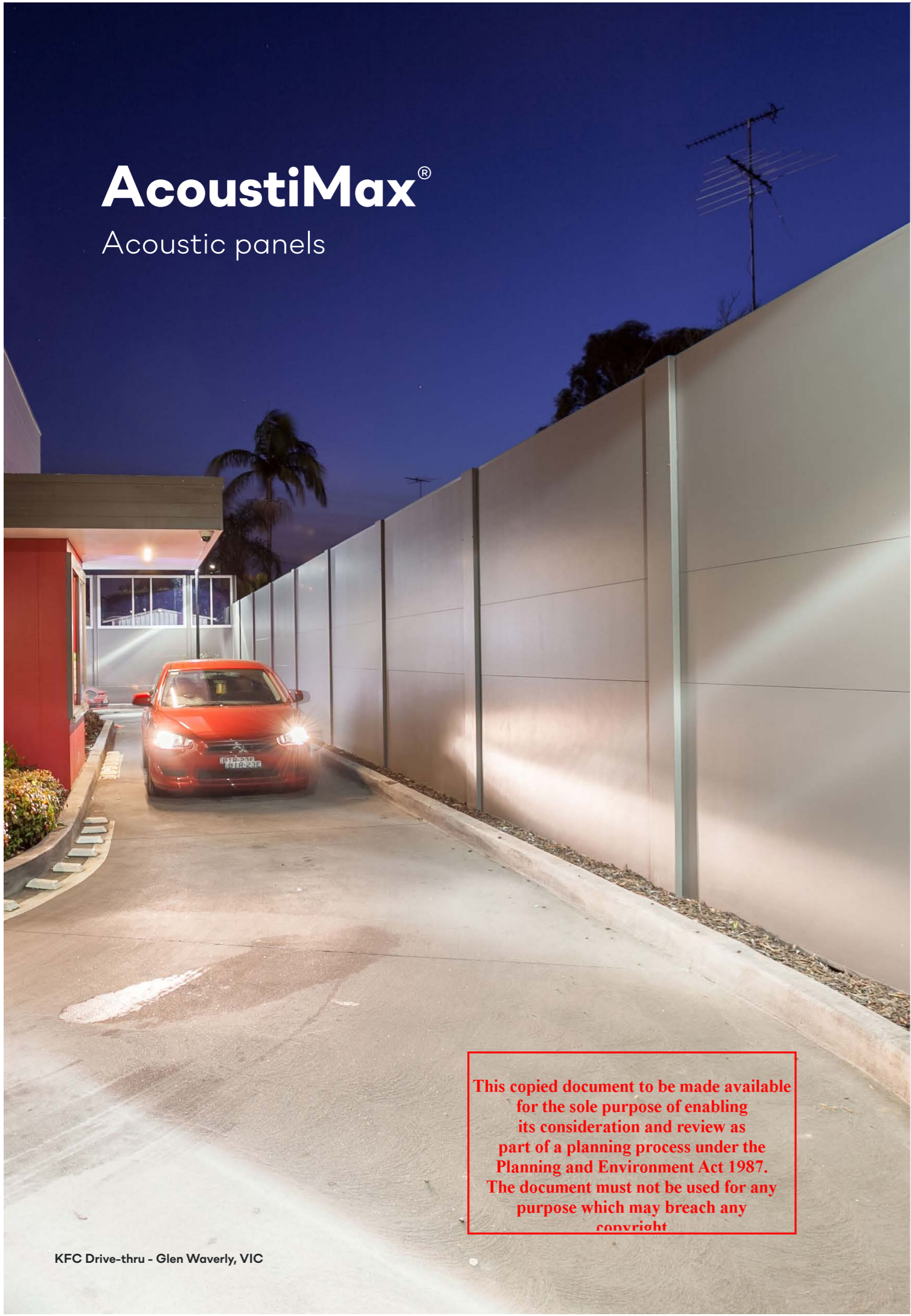
Designed and manufactured in Australia

The products are Australian designed and manufactured to strict international ISO 9001 quality standards. With over 16 years proven performance, ModularWalls products are employed in a wide variety of residential, commercial and infrastructure projects both nationally and internationally.



AcoustiMax[®]

Acoustic panels



KFC Drive-thru - Glen Waverly, VIC

This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

ADVERTISED PLAN

The proprietary AcoustiMax panel is our core modular wall solution, and the ideal choice for architects and developers seeking an effective noise barrier that is aesthetically versatile, as well as economical.

Consisting of an EPS core with an external layer of fibre-reinforced cementitious sheets, AcoustiMax is a lightweight, impact resistant modular wall panel with a smooth, designer finish.

The lightweight, modular design of the AcoustiMax panel makes it quick and easy to install, dramatically reducing build times as well as the labour and machinery needed for challenging sites.

The AcoustiMax comes in standard thicknesses of 50mm and 75mm, permitting its usage with a variety of modular wall systems including SlimWall, VogueWall, EstateWall, BarrierWall and GuardianWall.

- Fibre cement / EPS composite construction
- Lightweight
- Impact resistant
- Panel span up to 4.2 meters

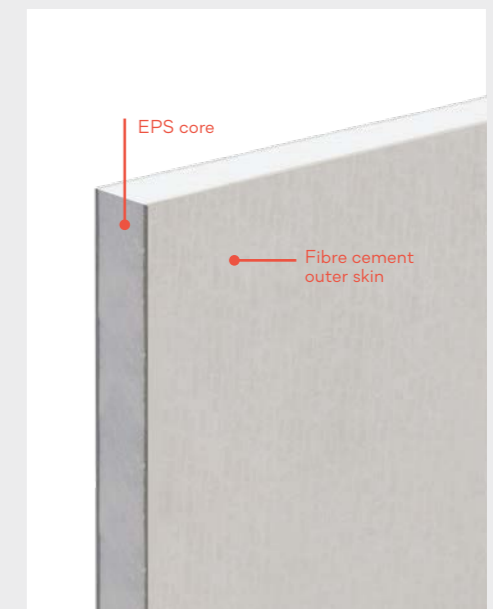


Hungry Jacks Drive thru - Craigieburn VIC



Childcare Centre VogueWall with decorative translucent windows

Rw Rating	28
Density (kg/m ²)	15 - 30 (typical)
Fire (BAL)	BAL29 (typical) up to BAL40
Panel thickness (mm)	50 & 75
Panel length (mm)	2400, 3000, 4200
Panel width (mm)	600, 900, 1200
Wind Region	A, B & C - D on request



ADVERTISED PLAN

AcoustiMax® (GuardianWall™)



This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright

Case Study 13

OAKDALE INDUSTRIAL ESTATE, NSW

Project Summary

- Industrial estate development required visual and acoustic barrier to shield nearby residents from activity
- AcoustiMax75 panels utilised within GuardianWall system, with decorative strips adding architectural edge
- Custom installation behind keystone block gravity retaining wall using void forming pier liners

Background

For their new sound barrier, a brand new industrial estate in Eastern Creek chose the AcoustiMax modular wall, boasting superior sound attenuation panels, by ModularWalls.

The industrial estate development in Eastern Creek, NSW, required an acoustic barrier to protect nearby residents from the future noise generated by the estate. The client required a durable solution that offered maximum acoustic capabilities, an aesthetically-pleasing finish and compatibility with a pre-existing retaining wall.

Solution

The GuardianWall system from ModularWalls fit the client's design brief perfectly. AcoustiMax 75mm panels, universal beams and proprietary UB infills were utilised to create the noise barrier reaching 5m high and spanning almost 800m in length. The wall was installed behind the keystone block gravity retaining wall, using void forming pier liners into which the universal beam posts were installed and concreted into place.

The proprietary AcoustiMax panel achieves an Rw rating of 28, making it the ideal solution for commercial and industrial grade sound barriers. Installation is to be completed in the next 3-4 weeks, including painting, and will provide the local residents a visually appealing backdrop that ensures their peace will remain undisturbed by the new development.

