

Evowall Acoustic Privacy wall exceeds legislation for childcare boundary



Slat Infill Option



Completed

PROBLEM

Burc College is a bustling, value driven school in Adelaide - a place where parents send their children for the very best in education. Located right next door to an industrial complex, something needed to block out the noise and create privacy. It couldn't just be a wall either - it had to be exciting and fit in with the playscape for the newly completed campus buildings.

SOLUTION

An architect introduced them to Evowall. The sleek cost effective wall solution created a stunning work of art, not only blocking the sound but creating an uplifting environment for children & adults alike. Congratulations Burc College - you scored full marks on this one!

KEY ADVANTAGES

- ▶ Unique express panel joins allow random panel sizing - Endless design options to match your building.
- ▶ 115 m of wall (mostly 2.4 m high) install with 2 guys and no heavy machinery in only 4 days.



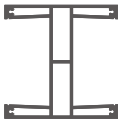
Wallmark
SMART WALL SOLUTIONS

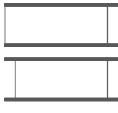
1. Exceptional acoustic properties solving noise reduction issues - tested to Australian standards by NATA approved laboratory
2. Pre-engineered walls to height and wind ratings for easy specification
3. Cost effective alternative to expensive rendered block wall systems without compromising aesthetics
4. Smart modular design ensures minimal site disruption and quick hassle free installation - Easy DIY
5. Attractive boundary and retainer solutions for designer landscaping solutions
6. Quality privacy screening solutions for sloping and extensive boundaries
7. Exceptional quality components that deliver true longevity in Australia's harsh conditions
8. A hands on approach to solving the acoustic, privacy and aesthetic challenges that boundary walls present


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EvoWall > 100mm Alloy Post


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1. Alloy Post (mm)
2-Way A162CE, 3-Way A1623W, 4-Way A1624W
450 | 900 | 1200 | 1800 | 2100 | 2400 | 2700 | 3300 | 3600H
- 

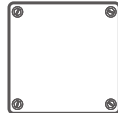
2. Wall Panel (mm)
Single & Double Rebate
WP 924 > 900H x 2400L
WP 1224 > 1200H x 2400L
WP 930 > 900H x 3000L
WP 1230 > 1200H x 3000L
- 


3. Alloy Box Capping (mm)
ABC > 2350 | 2950
- 


4. Alloy Flush Capping (mm)
AFC > 2350 | 2950
- 

5. Gal Internal Panel Joiner (mm)
PJT > 2350 | 2950
- 

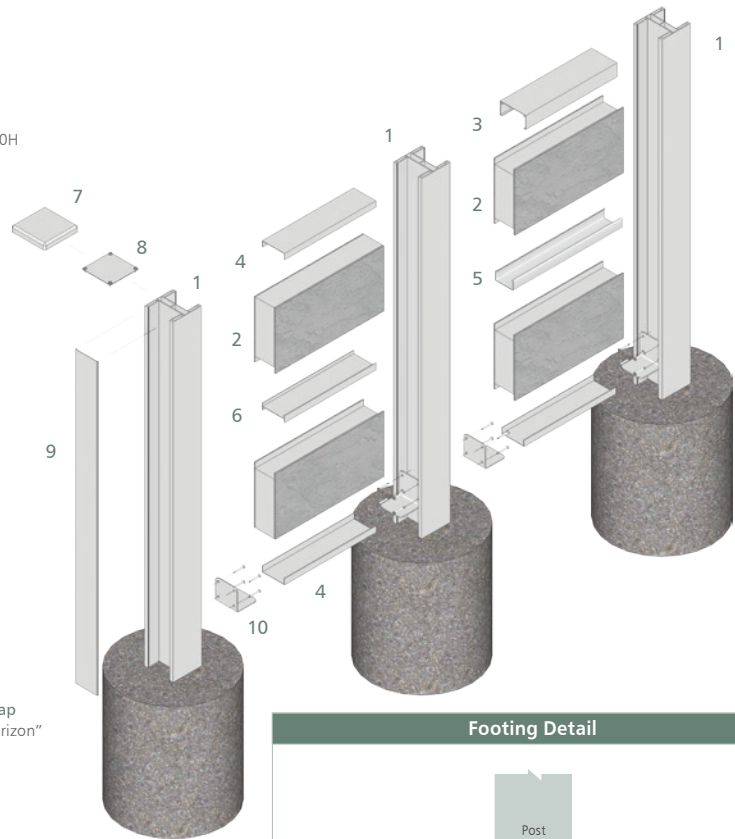
6. Alloy Panel Joiner (mm)
PJT > 2350 | 2950
- 

7. Alloy Post Cap
APC100P - "Plateau"
- 

8. Alloy Post Cap
APC100H - "Horizon"
- 

9. Alloy Infill
AINF 300 | 600 | 900 | 1200 | 1800 | 2100 | 2400 | 2700 | 3000 | 3300 | 3600H
- 

10. Alloy Wall Support Bracket
AWSB



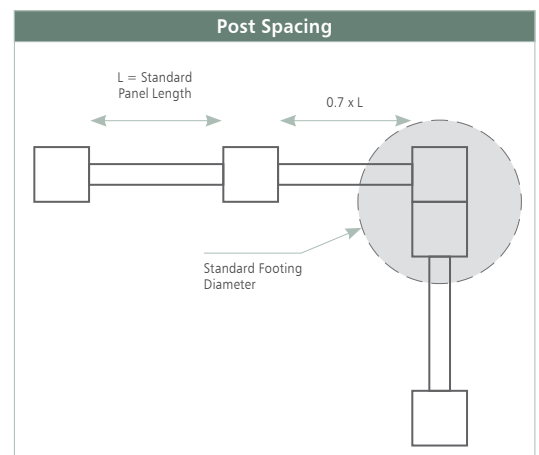
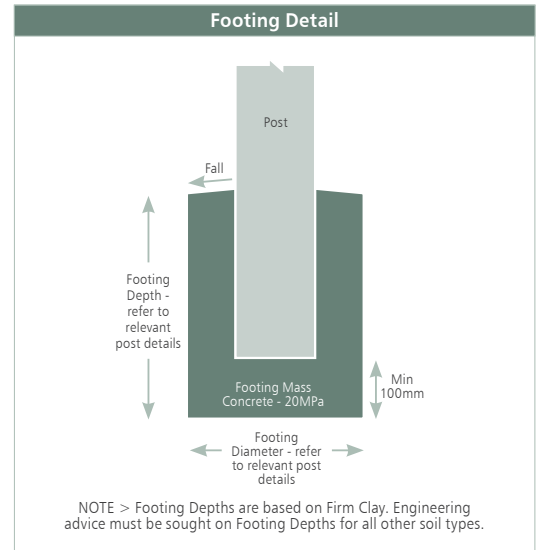
Maximum Post Height & Wind Regions

Panel Length mm	Wall Height mm			
	1200	1800	2100	2400
2400	C1	N3	N2	N2
3000	N3	N2	N2	-

Footing Depths for 300mm Diameter Footing for various Wind Regions

Panel Length mm	Wall Height mm			
	1200	1800	2100	2400
2400	N2 - 600	N2 - 600	N2 - 700	N2 - 700
	N3 - 600	N3 - 700	-	-
	C1 - 700	-	-	-
3000	N2 - 600	N2 - 600	N2 - 700	-
	N3 - 600	-	-	-

- NOTE > N2 - 600 Denotes 300 Diameter x 600 Deep Footing for Wind Region N2
> Refer to Footing Detail and Corner Footing pages
> Corner and Angle Post Footing Diameter must be a minimum of 400mm



- ### Specifications
- Wallmark "EvoWall" Alloy System
 - Post Spacing 2440 - 3040mm
 - Engineering as per above table
 - To be installed as per manufactures specification