

Modular Wall
systems

Material Data Sheet

Proprietary System

The Modular Wall System is Australian Owned, Designed and Manufactured.

PRODUCT NAME:

Modular Wall System – Typical ‘Proprietary Post & Panels’. Data sheets for all other MWS products including Temporary Walls, Kerb Walls, Sound Absorption Walls can be supplied upon request.

APPLICABLE IN:

All Australian Wind Regions- A, B , C & D. MWS have installed walls of varying heights into all Australian Wind Regions and Terrain conditions. We are also listed in the Darwin Cyclonic DTC manual as an approved supplier.

Cyclonic installations are designed and specified on a site by site basis

DESCRIPTION:

A Modular Wall System comprises of Fibre Cement/EPS Composite Sandwich Panels supported by Formed high tensile galvanised steel support columns.

APPLICATION & USE:

Typically used as Acoustic Sound Barriers or where a Masonry look wall is desired. Ideal for high wind area's, unstable ground conditions, difficult access sites and where conventional strip footings aren't allowed or suitable.

SAFETY:

The lightweight nature of the product enhances safety on site and allows very fast construction times without the need for cranes and heavy digging equipment.

Refer to CSR safety data sheet for specific instructions in relation OH&S requirements for the cutting of Fibre Cement (available on request from MWS)

ADVANTAGES:

- Fast construction times
- No strip footings mean the wall has room for expansion and contraction within the unique post system.
- Termite resistant
- Fire resistant with a non combustible surface
- Will not rot
- Maintenance free
- Smooth exterior surface which accepts all exterior grade paints.

PROPERTIES:

Wall Panels: Fibre Cement outer skins with an EPS core. Composite Panel Density: 15.49kg m² (based on 75mm proprietary sound panel)

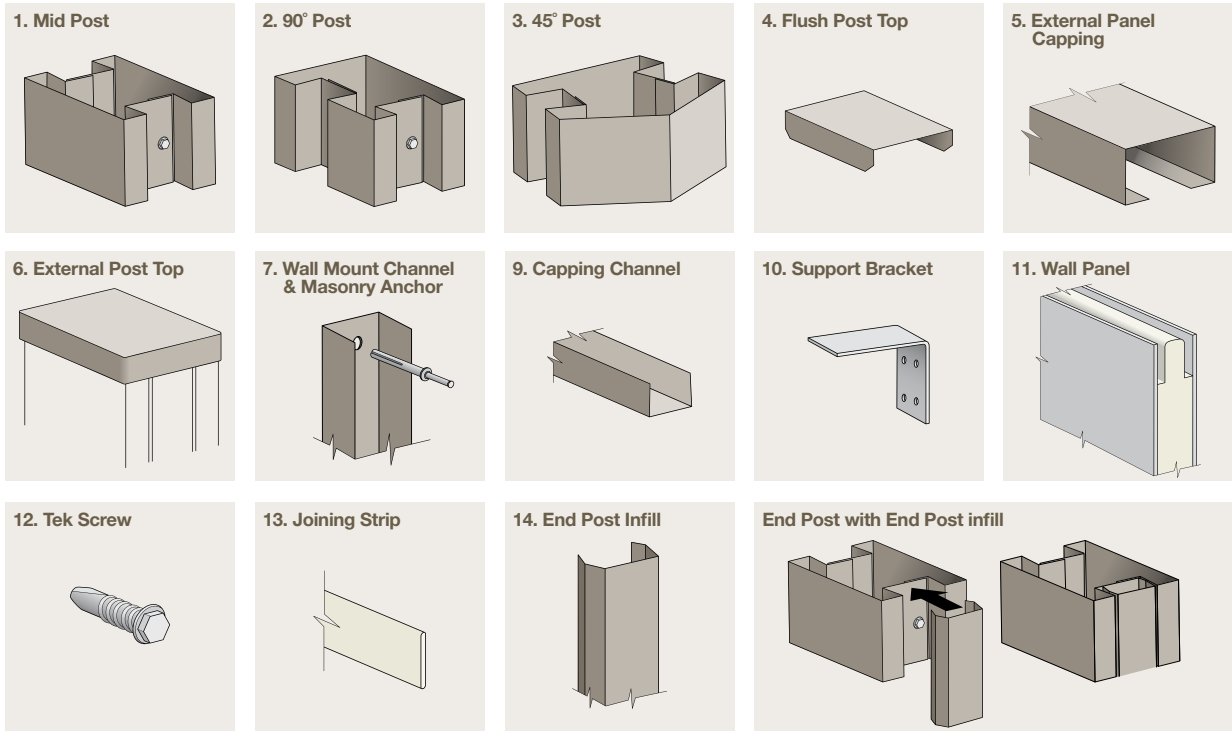
Support columns: Formed high tensile galvanised steel, top coated with a conversion primer and universal grey finish ready to accept self priming exterior grade paints.

Trims and capping: Formed high tensile galvanised steel, top coated with a conversion primer and universal grey finish ready to accept self priming exterior grade paints.

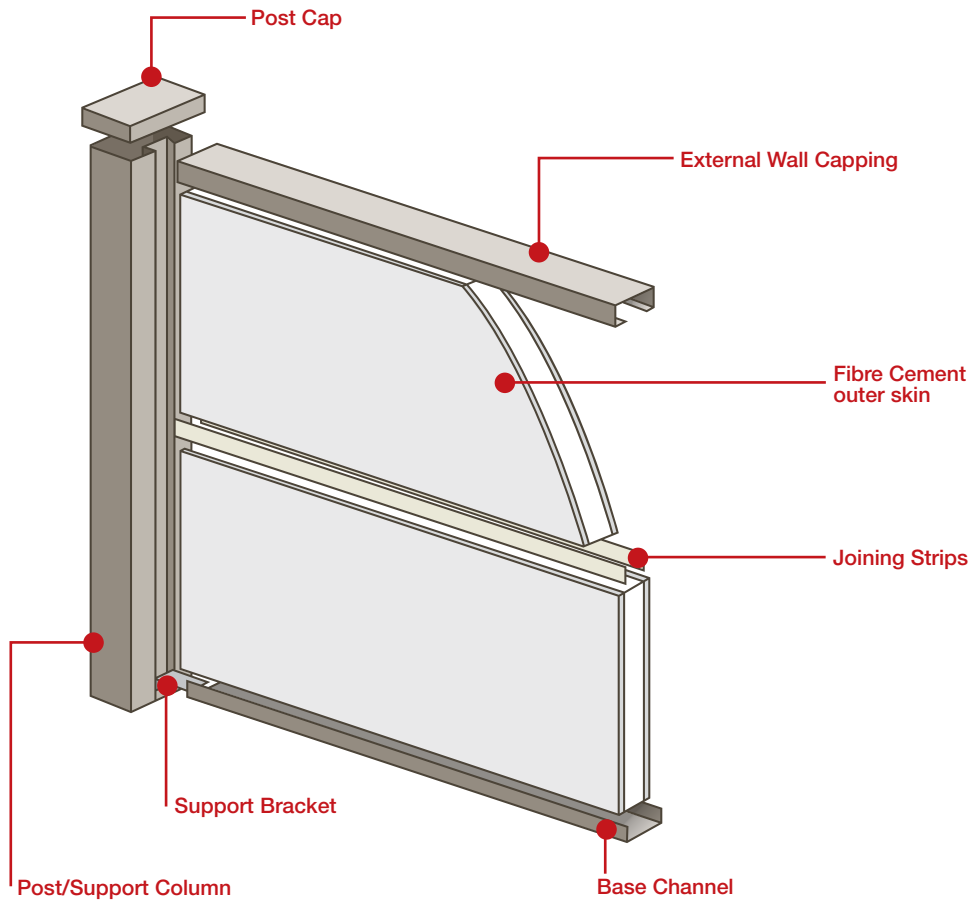
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WALL COMPONENTS



TYPICAL WALL CONSTRUCTION



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