



NDIS Approved - Specialist Disability Accommodation - Internal Wall Lining System
BCA Class 3 Building Certified - High Impact - Robust - Fire Rated - Wall Boards



A New Generation of Robust Designed Non-Combustible Internal Wall Lining

The Cellulose Magnesia Cement (CMC) board is an environmentally friendly nontoxic magnesium oxide composite and has strength and fire resistance due to the very strong bonds between the Magnesium (Mg) and Oxygen (O) atoms that form Magnesium Oxide (Chemical Symbol MgO)

It is Impact Resistant, Fire Rated, Highly Water Resistant & Mould Resistant.

Its robust durable surface will accept most types of decorative finishing, including paint and texture compound

Fast Fix Architectural Building Systems are providing via a National Supply Agreement, their internal wall solution for the DPN Casa Capace Pilot Home and 1000 subsequent homes which are being developed specifically to cater for Australians requiring Specialist Disability Accommodation (SDA) producing a more attractive home, with greater flexibility and value for participants of the National Disability Insurance Scheme (NDIS).

DPN

HOMES TO ENABLE

Casa Capace

— Casa (ca-sa): house, home. Capace (ca-pà-çe)
be able, having the ability to achieve.

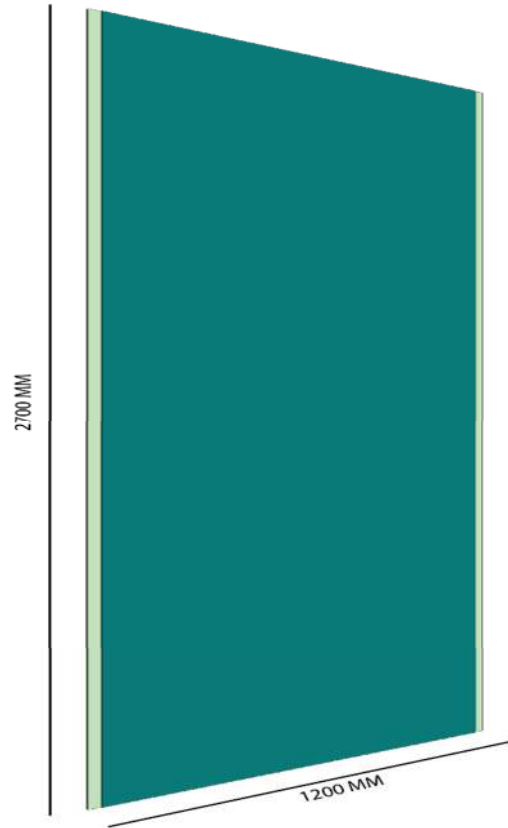
“A Core Structure of High Impact Resistant MgO Board - Not Gyprock”
Aaron Stevens DPN Architect

<https://www.facebook.com/DPNCasaCapace/videos/529748997611495/>
<https://www.aaronstevensarchitects.com/?lightbox=dataitem-iyI60zfs1>



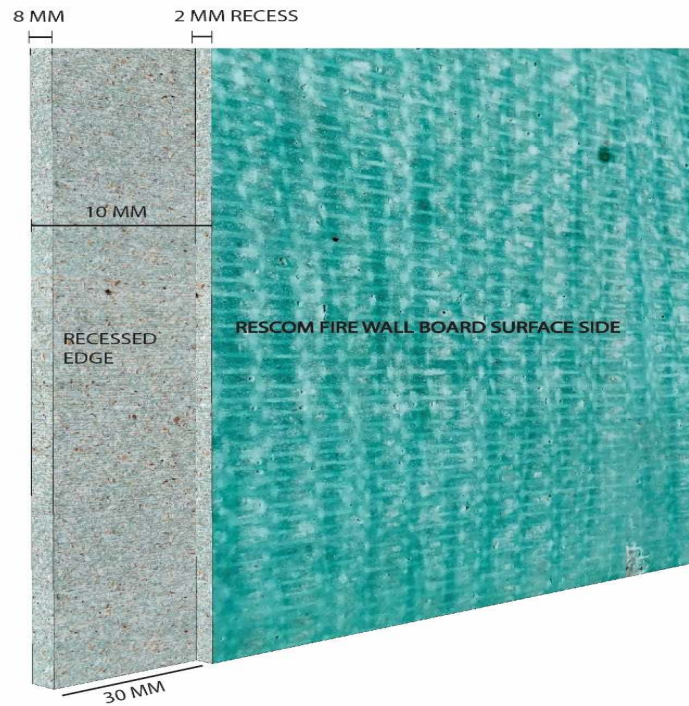
1.

STORAGE AND HANDLING:
All materials must be kept dry, preferably by being stored inside the building.
Care should be taken to avoid sagging or damage to edges, ends and surfaces.
All ResCom® Board should be stacked flat, properly supported on a level platform or on support members which extend the full width of the sheets and which are spaced at maximum 600mm centres.
If stored outside, sheets are to be stored off the ground, stacked as previous details and protected from the weather.



2.

Recessed Edge Board is designed for easy taping and clean joints



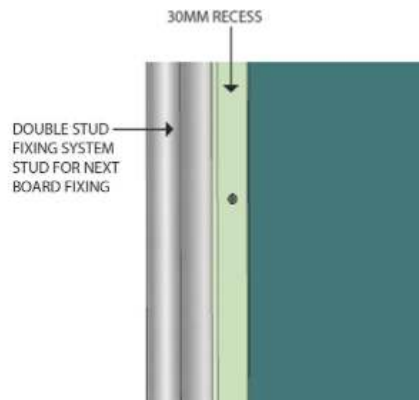
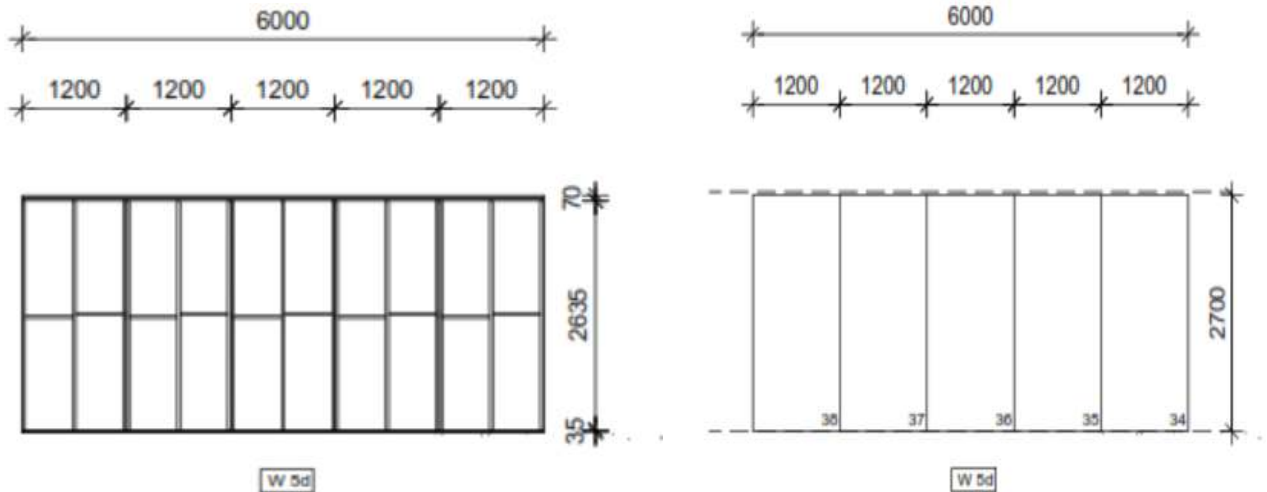
Double Stud Wall System

Fix 10 mm MgO Board using the Double Stud Wall System

A Pre-Fabricated Wall Framing System Delivering Sheet Layout for Fixing Board at Junctions

* Double Studs at 1200 mm intervals

* Interim Studs at 600 mm centres



Installation Method

1. Vertical Fix 2700 mm x 1200 mm board to frame using Non-Corrosive Class 5, 8 Gauge, 40 mm Self Drilling Countersunk Screws.

Double stud system allows direct fixing to stud with 1200 mm wide boards

Quick Drive Auto Feed Screw Driving System is recommended

<https://www.strongtie.com/products/go/fasteners/quik-drive>



DRYWALL

Cement Board and Fiber-Cement Board Underlayment/Backerboard to Wood or Steel



2. Fix screws at 300 mm centres and 15 mm from edge of board.
3. Ensure screws finish 0.5 mm below the surface of the board
4. If FRL is required : All exposed edges & joints to be caulked with fire rated sealant
5. All joints & screw holes filled & finished with plaster jointing compound as per manufacturer's specifications, using a perforated paper/ fabric tape on the boards recessed edges to achieve clean joints
6. Recessed edges on the board allow for taping and clean joints



ResCom® Board Recessed Edge

- 1.5mm recess on the long face side allows joint reinforcement
- Provides a smooth even and continuous surface once jointed.

Apply a high viscosity sealing primer coat



Finish with 2 coat paint system as per manufacturers specifications or if requiring a level 4 or 5 finish - coating must comply with industry standards or as detailed in the ResCom Installation Manual

CLICK ON INSTALLATION MANUAL

<https://rescombp.com/wp-content/uploads/2018/11/ResCom-BP-International-Technical-Installation-Manual.pdf>



25. Robust design

Clause	Design Requirement	Rationale	Applicable to
25.1	Resilient but inconspicuous materials shall be provided, that can withstand heavy use and minimises the risk of injury, including high impact wall lining.	For safe use of the dwelling for some users. Consider provision of high impact wall lining for the full height of the wall or a minimum of 2.4M height from FFL.	
25.2	High impact/vandal proof fittings and fixtures shall be provided (for example, commercial vandal-proof door handles). Such fixtures and fittings shall be resilient yet inconspicuous so they uphold and do not undermine the character of the home.	For safety and serviceability for users.	

ndis

NDIS Specialist Disability Accommodation
Design Standard

The [NDIS Specialist Disability Accommodation Design Standard](#) launched by NDIS minister Stuart Robert in October sets out detailed design requirements that will be incorporated into newly built SDA from 2021.

The standard sets out four categories of SDA design including:

* improved liveability *robust *fully accessible *high physical support

<https://www.ndis.gov.au/providers/housing-and-living-supports-and-services/housing/specialist-disability-accommodation/sda-design-standard>



<https://www.australianageingagenda.com.au/noticeboard/provider-looks-to-roll-out-1500-sda-homes-across-australia/>

<https://www.pm.gov.au/media/opening-dpn-casa-capace>

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ATF NATIONAL INNOVATIVE BUILDING PRODUCTS UNIT TRUST ABN : 39 847 799 892
TRADING AS
RESCOM FIRE WALL
RESCOM SHAFT LINER
QUICK WALLS STRUCTURAL INSULATED PANELS
PRICED RIGHT HOMES MELBOURNE

LEVEL 8 220 COLLINS STREET MELBOURNE AUSTRALIA
DISPLAY HOME & SHOWCASE CENTRE: 20 FALLS ROAD MARYSVILLE
MELBOURNE WAREHOUSE: 5 EDELMAIER STREET BAYSWATER
ADELAIDE WAREHOUSE: 12 ENDEAVOUR DRIVE PORT ADELAIDE
SYDNEY WAREHOUSE: 91 REDFERN STREET WETHERILL PARK