

Corners (Wall Lining)

Internal and external may be finished with PVC corner moulds as described in Figure 6 and Figure 7.

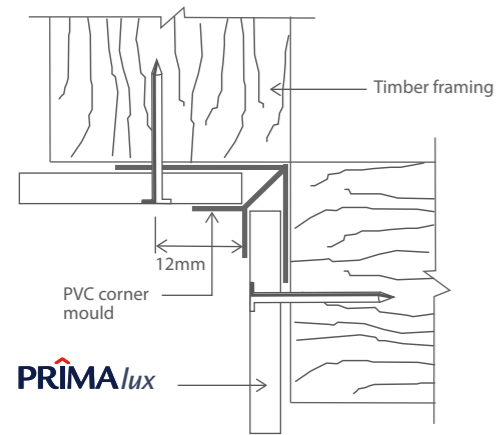


Figure 6: Internal Corner

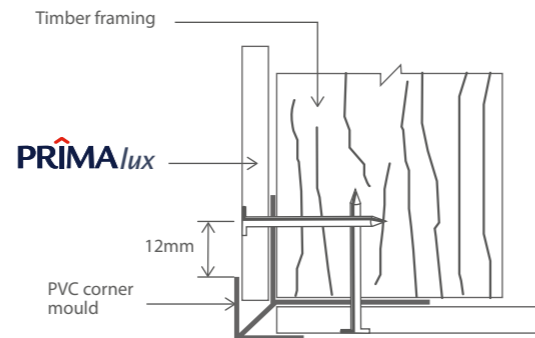


Figure 7: External Corner

Finishes

PRIMA/lux smooth surface is ideal for water based acrylic paint. Generally, a minimum of 2 coats is required. Other types of coating such as polyurethane or epoxy paint are also suitable. In all cases, coating manufacturer's recommendation must be adhered to.

AS/NZS
2908.2

ASTM
C1186

Fire Resistance
AS 1530.3

Termite Resistance -
tested by CSIRO



Termite Resistant



Fire Resistant



Water Resistant



Weather Resistant



Environmentally Friendly



Superior Paint Adhesion



High Workability



Aesthetically Pleasing



50 Years Durability

WARRANTY

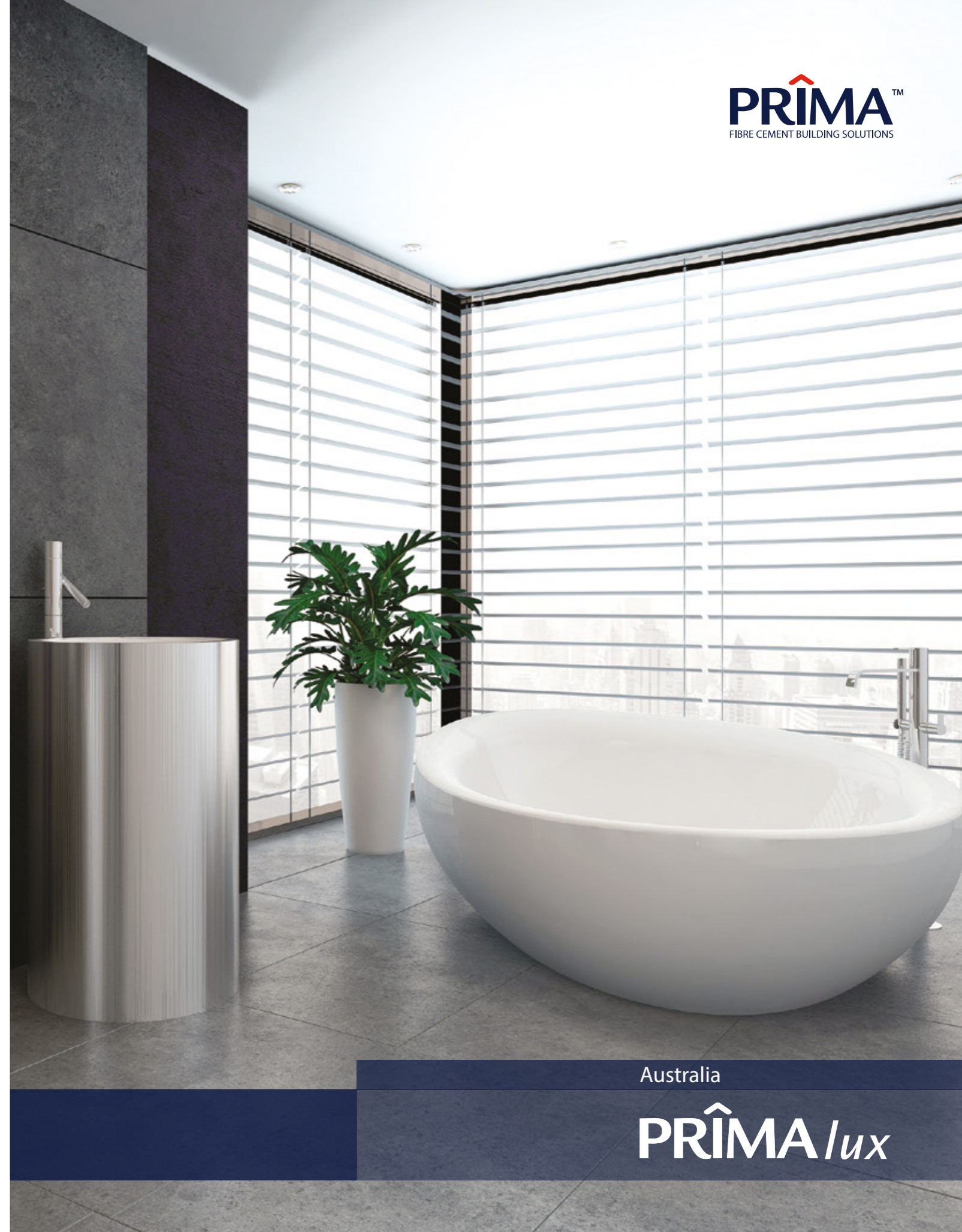
Hume Cemboard Industries Sdn Bhd ("the Company") warrants that it will at all times ensure that the products referred to herein ("the Products") shall be supplied by it to the purchaser free of any manufacturing defects and defective materials used in their manufacture.

In the event and if contrary to this assertion the Products prove to be defective, whether as a result of manufacturing defects or arising from the Company's use of defective materials, the Company will supply replacement Products. The Company shall, however, have the option and may choose to reimburse the purchaser the purchase price of the Products instead. The Company shall not be liable for any economic or consequential losses arising from any use of defective Products.

This warranty shall be void unless the purchaser has, in its handling and installation of the Products, complied with the recommendations contained in this brochure and other good building practices expected of a reasonable purchaser.

ADVISORY NOTE

Successful installations of Hume Cemboard Industries Sdn Bhd's Products depend on a large number of factors that are outside of the scope of this brochure. Particular design, detail, construction requirements and workmanship are beyond the control of the Company. As such, Hume Cemboard Industries Sdn Bhd's warranty does not extend to non-usability of Products or damage to Products arising from poor or defective designs or systems or poor quality of workmanship in the installation of Products.



Features



PRIMA/lux

Ceiling and Internal Linings

PRIMA/lux is an autoclaved cellulose fibre reinforced cement flat sheet, manufactured by Hume Cemboard Industries - an MS ISO 9001:2008 Quality System accredited manufacturer. PRIMA/lux is sanded and is available with arrisded edges for neat butt joints or PVC joints.

Applications

PRIMA/lux is designed specifically for wall and ceiling lining applications.

When installed as an internal wall lining, PRIMA/lux is suitable for dry and wet area applications (where flush joint is not required). Making it an ideal substrate for wall tiles.

Additionally, PRIMA/lux can be applied as soffit and ceiling linings where a superbly flat and smooth surface coupled with elegantly designed expressed joints are the criteria.

Material composition

Top grade cellulose fibre, finely ground sand, portland cement and water.

Standard sizes and mass

The approximate masses at Equilibrium Moisture Content (EMC) of 7% at a temperature of 27°C and 65% to 95% RH are:-

- 4.5mm sheet - 6.7kg/m²
- 6.0mm sheet - 8.8kg/m²

Density at EMC is 1390kg/m³

Thickness (mm)	Width (mm)	Length (mm)
6.0	900	1800
	1200	2400
		3000

Framing Requirement

PRIMA/lux can be fixed to timber or steel framing. Timber framing must be constructed in accordance with AS 1684-Residential timber-framed construction. For steel framing application, refer to AS/NZS 4600-Coldform steel structure.

Support framing must be spaced as follows:-

- 4.5mm thick PRIMA/lux - 450mm max. centres
- 6.0mm thick PRIMA/lux - 600mm max. centres

Fire resistance

PRIMA/lux has achieved the following indices when tested in accordance with Australia Standard AS 1530.3 - 1989:-

- Ignition Index 0
- Spread of Flame Index 0
- Heat Evolved Index 0
- Smoke Developed Index 0 - 1

With reference to the Building Code of Australia, PRIMA/lux is deemed non-combustible

Framing & Fixing Specifications

Support framing must have at least a 38mm wide face to provide adequate support for PRIMA/lux sheets. Where necessary, the face width may be increased by providing trim-packing to the side of the support.

Timber framing should be thoroughly dry and selected to minimize shrinkage when sheets are installed.

Steel frame thickness should be 0.55mm BMT to 1.55mm Base Metal Thickness.

Fastener Specification

Fixing to Timber



- 2.8mmØ x 30mm Galvanised Fibre Cement Nails

Fixing to Steel Frame

(0.55mm to 0.75mm Base Metal Thickness)



- Self-embedding Head, Self-drilling Screws
- 8 gauge - 18 x 20mm for fixing 6.0mm PRIMA/lux

Fixing to Steel Frame

(0.75mm to 1.55mm Base Metal Thickness)



- Self-embedding Head, Self-drilling "Wing Tek" Screws
- 8 gauge - 18 x 20mm for fixing 6.0mm PRIMA/lux

Note:
1. Drive fasteners flush with the sheet surface.
2. Screws must have adequate corrosion resistance property, i.e. Class 3.

Fixing Distances

PRIMA/lux fixings are to be a minimum of 12mm from sheet edges and 50mm from corner of sheet. The fastener spacings must be as follows:-

Application	Intermediate Framing Member	Elsewhere
Wall Lining	200mm	200mm
Ceiling, Eaves and Soffit	200mm	200mm

Joining

Alternatives of PRIMA/luxTM sheet joining methods are shown in Figure 4 and Figure 5.

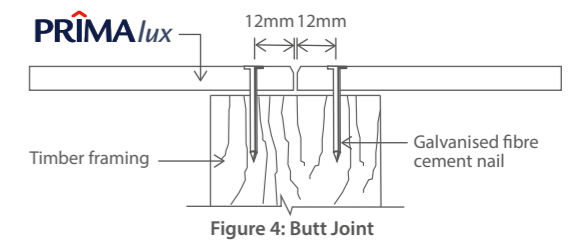


Figure 4: Butt Joint

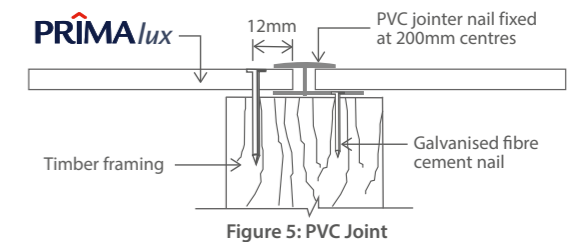


Figure 5: PVC Joint

Sheet Fixing Illustrations

When applied as internal wall lining, PRIMA/lux may be installed vertically, ensuring that the sheet joint coincides with the centre of supporting frame as shown in Figure 1.

For ceiling, eaves and soffit lining applications, PRIMA/lux can be fixed across or parallel to the supporting frame. Sheet butt joints must coincide with centre of supporting frames if PVC jointer is not utilized. Refer to Figure 2 and Figure 3.

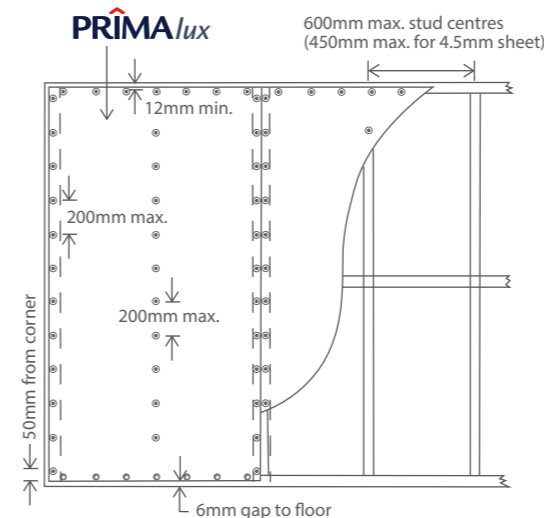


Figure 1: PRIMA/lux Wall Lining

Handling & Finishing

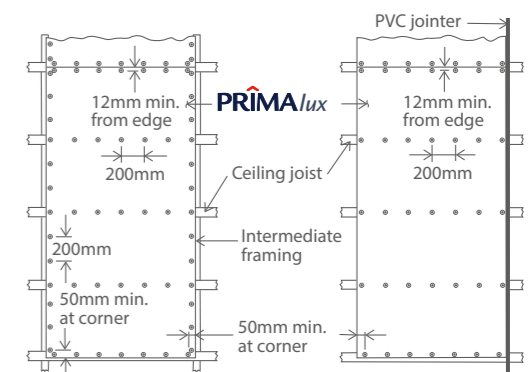


Figure 2: PRIMA/lux laid across main joists

