

**PRIMA***alpha*<sup>α</sup>*Groove* is a fibre cement lining product, manufactured from Portland cement, finely ground sand, premium virgin Kraft softwood cellulose fibres, additives and water. The sheet is carved with decorative V-shaped grooves for a tongue and groove appearance, while its smooth sanded surface gives it superior paint adhesion for any paint finish.

**PRIMA***alpha*<sup>α</sup>*Groove* lining is tough and beautiful. With its superior durability, low maintenance, fire resistance and design flexibility, it is a superior alternative to the timber panels.

International

**PRIMA***alpha*<sup>α</sup>*Groove*



# PRIMA<sup>alpha</sup> Groove

## Product Benefits

- Unique recipe for withstand harsh impact
- Aesthetic V-shaped grooves replicate traditional tongue and groove style
- Stronger and durable
- Light weight and nailable
- Ease workability and handle-ability
- Resistance to damage from moisture and rot
- Fire, Water, Weather, and Termite Resistance
- Low maintenance and ready to paint
- Sheet edges have a half groove to achieve concealed sheet joints



## Applications

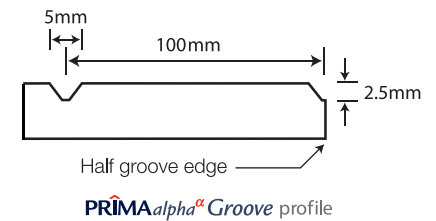
PRIMA<sup>alpha</sup> Groove is used for internal wall, soffit and internal linings. It can be used on either timber or light gauge steel framed houses or buildings. It is ideal as a feature wall.

## Material Properties & Composition

PRIMA<sup>alpha</sup> Groove lining is manufactured to conform to the requirements of AS/NZS 2908.2 Cellulose-Cement Products and is classified as Type B Category 3 for internal applications.

### Standard Sizes and Mass Per Sheet

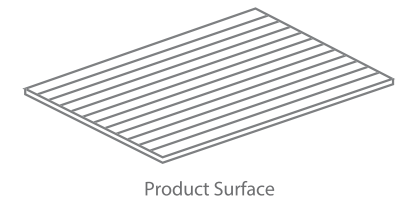
Thickness (mm)	Width (mm)	Length (mm)	Mass, kg/m (est. at EMC)
7.5	1200	2400 2700	10.4



### Properties

### Values

Product Composition	Top Grade Cellulose Fiber Finely Ground Sand Portland Cement Water
Bending Strength (EMC)	> 10 MPa (AS/NZS 2908.2)
Category	3
Type	B
Average Density (Oven Dry)	1300 kg/m <sup>3</sup> (AS/NZS 2908.2)
Dimensional & Geometrical Conformance	Passed (AS/NZS 2908.2)
Water Permeability	Passed (AS/NZS 2908.2)
Moisture Movement 30-90% relative humidity	0.05% (ISO 8336: 2009)
Heat-Rain Resistance	Passed (AS/NZS 2908.2)
Freeze-Thaw Resistance	Passed (AS/NZS 2908.2)
Warm Water Resistance	Passed (AS/NZS 2908.2)
Soak-Dry Performance	Passed (AS/NZS 2908.2)
Combustibility	Deem to comply with BCA
Early Fire Hazard Test	Passed (AS 1530.3)
Thermal Conductivity	~ 0.20W/mK (ASTM C518)
Termite Resistance	Resistance to damage from termite attack



For more information, please contact us at:



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