

**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

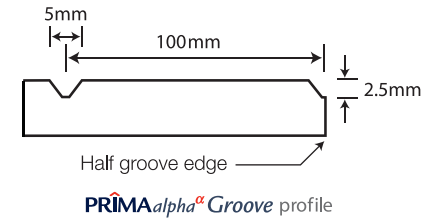
PRIMA<sup>alpha</sup> Groove is used for internal wall, soffit and internal linings. It can be used on either timber or light gauge steel framed houses or buildings. It is ideal as a feature wall.

## 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

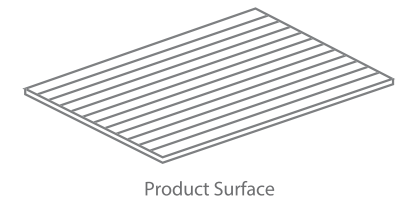
Thickness (mm)	Width (mm)	Length (mm)	Mass, kg/m (est. at EMC)
7.5	1200	2400 2700	10.4



### 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



### 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.

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