

# PRIMA<sup>l</sup>iner

## Internal Drywall Systems

A premium quality fibre cement board with square rebated edges for flush jointed internal walls.

The continuous quest for better value for money and improvement are very common objectives. Now you have the comfort of knowing that the **PRIMA<sup>l</sup>iner** you have chosen will provide the on-going high performance and durability requirements.

Hume's **PRIMA<sup>l</sup>iner** is a high quality, high impact, fire resistant, fibre cement lining board ideal for walls in both domestic and commercial construction. Its versatility also enables it to be specified in any of the following applications:

### Key Application Areas of PRIMA<sup>l</sup>iner

| Application      | System   | Vital Performance Criteria  |
|------------------|--|---|
| Internal Drywall | <ul style="list-style-type: none"> <li>Wet Area System</li> </ul>                                | <ul style="list-style-type: none"> <li>Long term resistance to moisture and steam</li> <li>Good substrate for tiles</li> </ul>  |
|                  | <ul style="list-style-type: none"> <li>Sound Rated Systems</li> <li>Fire-rated System</li> </ul> | <ul style="list-style-type: none"> <li>Moisture resistance</li> <li>Impact resistance</li> <li>Seamless joint</li> <li>Fire-rating</li> <li>Sound rating</li> <li>Durability</li> </ul> |

### Product and Quality Composition

**PRIMA<sup>l</sup>iner** is a fibre cement lining board, composed of Portland Cement, cellulose fibre, specially ground sand and water. It is manufactured to the highest level of quality, under international accreditation of ISO 9002, exclusively by Hume Cemboard Berhad a member of the global conglomerate Hong Leong Group Malaysia. **PRIMA<sup>l</sup>iner** is manufactured with rebated edges for flush jointing to



### Durability and Strength

- Immune to permanent water damage
- Will not rot or burn
- Dimensionally stable
- Unaffected by steam, sunlight or termites
- High impact strength
- Hard wearing surface
- Minimal maintenance
- Exceptional durability

These advantages place **PRIMA<sup>l</sup>iner** as a premium board compared to gypsum or timber and ideal for buildings demanding high performance sheeting.

### Versatility

**PRIMA<sup>l</sup>iner's** range of applications, throughout a building's interior, as a high quality wall lining can only be limited by one's imagination. Various dry wall systems can be easily installed and are excellent value for money.

### Climatic and Environment Responsiveness

**PRIMA<sup>l</sup>iner** is ideal for humid climates, where paper-faced boards are very prone to deterioration. **PRIMA<sup>l</sup>iner's** ability to resist short and long term exposure to moisture degradation makes it the choice



# PRIMA<sup>l</sup>iner Specifications

## Product Description

**PRIMA<sup>l</sup>iner** is an autoclaved cellulose fibre cement sheet, with a special formulation for the needs of internal dry and wet area applications.

**PRIMA<sup>l</sup>iner** has a smooth, sealed surface and is suitable for tiling.

**PRIMA<sup>l</sup>iner** has square rebated edges on both sides of its length and arrised edges at the ends, for a neat flush joint.

## Product Composition

**PRIMA<sup>l</sup>iner** is manufactured from top grade cellulose fibre, finely ground sand, cement and water.

## Fire Resistance

**PRIMA<sup>l</sup>iner** is classified as a Class 'O' building material under the Malaysian Uniform Building By-law 1984.

**PRIMA<sup>l</sup>iner** has been tested in accordance with BS 476; Fire tests on building material and structure. The test results are as follows:-

- ☐ Ignitability - Designated 'P' (BS 476: Part 5) (No flaming occurred)
- ☐ Fire Propagation - Index of Performance, I=O (BS 476: Part 6)

## Physical Properties

| PROPERTIES                               | TYPICAL VALUES   |
|--|--|
| Density at EMC                           | 1390kg/m <sup>3</sup>  |
| Moisture Content at EMC                  | Approximately 7%   |
| Moisture Movement from EMC to saturation | 0.04%  |
| Thermal Conductivity, <i>k</i> Value     | 0.3W/mK  |
| Thermal Insulation, R Value              | 6.0mm - 0.020m <sup>2</sup> K/W<br>9.0mm - 0.033m <sup>2</sup> K/W |
| Flexural Strength at EMC                 | Parallel - 10.5 MPa<br>Transverse - 15.5 MPa<br>Average - 13.0 MPa |

**Note:** Where values are stated at EMC, the Ambient Temperature is 27° C ± 2° C and Relative Humidity is between 65% - 95%.

## Standard Sizes

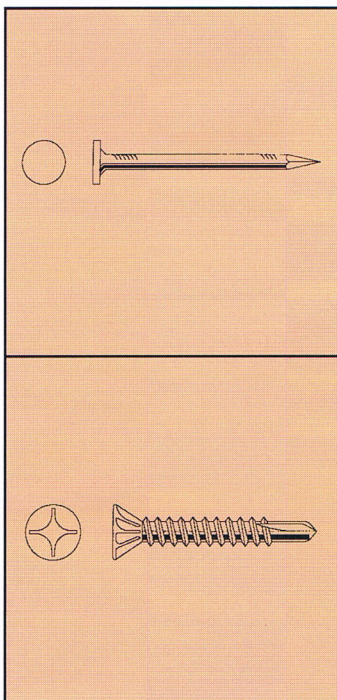
**PRIMA<sup>l</sup>iner** sheets are available in nominal thickness of 6.0mm, 9.0mm and 12mm.

| Mass per Sheet; kg |                                   |
|--------------------|-----------------------------------|
| Sheet Thickness    | Width & Length<br>1200mm x 2400mm |
| 6.0mm              | 25.22 kg                          |
| 9.0mm              | 37.23 kg                          |
| 12.0mm             | 51.19 kg                          |

*Note:*

- Weights per sheet are shown for sizes available ex stock.
- Other sizes are available on special order & sales may be subject to special conditions.

## Fasteners



Galvanized Fibre Cement Wire Nails (for fixing to softwood and hardwood.

- ☐ 2.8 Ø x 30mm for softwood
- ☐ 2.0 Ø x 25mm for hardwood

Self-embedding head, self-drilling and reamer point screws (for fixing to light gauge steel frame).

- ☐ 8 gauge - 18 x 25mm long to fix 6mm board.
- ☐ 8 gauge - 18 x 30mm long to fix 9mm board.

- All nails shall comply with 'AS 2334: 1980 - STEEL NAILS - METRIC SERIES' or equivalent standard.
- All screws shall comply with 'AS 3566: 1988; SCREWS - SELF DRILLING - FOR THE BUILDING AND CONSTRUCTION INDUSTRIES or equivalent standard.




# PRIMA<sup>lin</sup>er

*Internal Lining Board*



*Immune to permanent moisture damage.*

**PRIMA** – Another Quality Product by 

NON-ASBESTOS

