

# HITCHINS

## TECHNICAL DATASPEC

# FORMBOND

## Acrylic/Silicate Penetrating Binding Primer for Fibre Cement sheet

December 2014

NO.1401 v4

### Description

**Formbond** is a water-based acrylic/silicate, penetrating, binding sealer for fibre cement sheets and most cementitious substrates.

### Recommended Uses

- As a penetrating bonding primer for fibre cement sheet to improve adhesion of subsequent acrylic coatings and flushing compounds.
- As a bonding primer for 7.5 and 9 mm fibre cement sheet recessed joint to be flushed with Formfil 660, bandage and Formflush 665 system.
- A bonding and equalizing sealer to all cementitious substrates.
- As a penetrating consolidating primer for powdery, porous cementitious substrates to improve adhesion of top coats.

### Properties/Features

- Penetrates and consolidates fibre cement sheet.
- Improves adhesion of acrylic coatings and compounds
- Provides improved adhesion of topcoats to most cementitious substrates.
- Water based and non flammable.
- Low odour and low toxicity.
- Easy to apply.
- Economical.

### Limitations

**Formbond** reacts with aluminum and glass substrates so these surfaces must be plastic film masked out or suitably protected before applying **Formbond** as seepage or splashes may damage the surface.

Do not apply at temperatures below 10°C or relative humidity exceeding 85% or in suspect weather conditions.

### Technical Data

Classification	Water-based, acrylic emulsion		
Colour	A clear, penetrating, matt finish	Specific Gravity	1.03
Application Temperature	Minimum 10°C and less than 85%rH	Flashpoint	Not applicable
Coverage Rate (approx)	7-10m <sup>2</sup> /L	Packaging	10 & 20L Pails
Application Method	Brush, roller, spray	Recoat Time	2 hours
Shelf Life	12 Months in unopened container	Clean-up	Water
V.O.C	0 grams/litre		
Drying Times	(25°C@50%rH) - 1 hour depending on substrates and temperature		

### Surface Preparation

- All surfaces must be clean and free from dust, grime, bond breakers, curing or release agents and dry.
- Suitable substrates include; concrete, cement plaster, fibre cement sheeting, and most cementitious substrates.

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<b>Application</b>	<p>By brush, roller, conventional or airless spraying at low pressure. Apply at 7-10m<sup>2</sup>/L depending on porosity of substrate.</p> <p>Normally no thinning is required but in hot and dry, windy conditions it may be thinned with 5%-10% of clean potable water.</p> <p>Mask all adjacent surfaces not being coated, including protection of aluminum joinery and glass as <b>Formbond</b> may react and damage these surfaces.</p> <p>Do not apply at temperatures below 10°C or relative humidity exceeding 85% or in suspect weather conditions.</p>
<b>Drying and curing</b>	1 hour depending on substrates and temperature.
<b>Fibre Cement Recessed Joint Treatment</b>	<p>For superior jointing system to fibre cement recessed sheets joint;</p> <ul style="list-style-type: none"> <li>• Seal recessed joint with <b>Formbond</b>.</li> <li>• Apply Hitchins Formfil 660 and bed-in Flexitape.</li> <li>• Then flush out with Hitchins Formflush 665 flushing compound.</li> <li>• Light sanding may be required when dry.</li> <li>• Apply coat of Sealflex Primer G to Formflush 665 strips.</li> <li>• Please contact Hitchins for further information and specifications</li> </ul>
<b>Health and Safety</b>	<p><b>Formbond</b> is water-based, non-flammable and relatively non-toxic. Spills can be removed with water or absorb by sand before drying. Once dry, this product is no longer water soluble. Remove from skin with water before paint dries. In confined areas provide adequate ventilation.</p> <p>Refer to the Safety Data Sheet 1401.</p>
<b>Non Compliance Warning</b>	Do not apply or install any Hitchins product or process to building structures that do not comply with the Building Code.
<b>Warranty</b>	<b>Formbond</b> , as part of a process, is covered under the Hitchins Product Performance Warranty Document for “that” products process, as per our Warranty Schedule.