

# Fosroc® Preco Bondbreaker



constructive solutions

## Mould release agent for prefabricated or tilt up panel construction

### Uses

Preco Bondbreaker is a mould release agent designed for use in prefabricated or “tilt-up” panel construction. It will significantly reduce surface defects including blowholes in concrete finish and ensures easy demoulding to architectural quality standards.

### Advantages

- Preco Bondbreaker is non-staining, protects moulds from corrosion and water damage
- Preco Bondbreaker can be used with most types of moulds\*

### Description

Preco Bondbreaker is a specially formulated mould release agent designed to eliminate surface defects and ensure clean architectural quality lift-off in prefabricated or “tilt-up” panel construction applications.

Preco Bondbreaker can be supplied with a fugitive dye to assist application control.

### Technical Support

Parchem offers a technical support package to specifiers, end-users and contractors, as well as on-site technical assistance.

### Properties

<b>Appearance:</b>	Viscous opaque liquid
<b>Coverage:</b>	5 - 10 m <sup>2</sup> per litre
<b>Solids content:</b>	10%
<b>Solvents:</b>	High boiling point hydrocarbons
<b>Flash point:</b>	Above 65°C
<b>Solubility in water:</b>	Insoluble
<b>Drying time:</b>	2 – 4 hours

### Application Instructions

#### Application

Roller, brush, spray. Mix well before use.

Preco Bondbreaker can be applied by spray, brush or roller at the rate of 1 litre per 5 to 10 square metres. Application rates will vary depending on climatic conditions and differing absorbency levels.

Step 1 – seal new and existing concrete ground slab “working bases” with a generous coat of Preco Bondbreaker. A second coat may be necessary to ensure uniformly low porosity. Coat any dry spots to ensure uniformity.

Note: because concrete strengths and porosities vary, it is critically important that this step is completed with great care to ensure the proper performance of Preco Bondbreaker.

Step 2 – apply a uniform coating of Preco Bondbreaker to both horizontal and vertical surfaces and allow to dry a minimum of 2 hours before placement of reinforcing bars.

Before pouring concrete check for any “dry” areas and reapply if necessary. If in doubt use the water droplet test method and reapply where necessary. Avoid “ponding” and ensure puddles are mopped up prior to pouring concrete to avoid interference with surface quality. Excess Preco Bondbreaker may cause “honeycomb” surface laitance due to an excess of surface lime being consumed.

It is recommended that concrete be poured within 24 hours of the application of Preco Bondbreaker being applied. If subjected to heavy rain, a fresh application on Preco Bondbreaker must be applied.

Note: For multi-panel stack-cast applications it is essential that each panel is cured prior to repeating Step 2. A suitable curing compound for this application is Concure A99 applied at an application rate of 5m<sup>2</sup>/litre.

### Cleaning

Preco Bondbreaker can be cleaned using diesel or other solvent.

### Limitations

\*Preco Bondbreaker is not to be used with polystyrene moulds or plastic infills.

### Estimating

#### Supply

<b>Preco Bondbreaker 20 litre:</b>	FD777025-20L
------------------------------------	--------------

#### Coverage

<b>Non-porous form surfaces</b>	7 - 10 m <sup>2</sup> / litre
<b>Semi-porous form surfaces</b>	5 - 7 m <sup>2</sup> / litre

Coverage rate is dependent on the porosity of the form being used. The coverage rate and the form release properties will be reduced if the formwork is of an old/worn nature.

### Storage

Protect from extremes of temperature. Store below 30°C and above 5°C.

### Shelf life

Preco Bondbreaker has a shelf life of 36 months from date of manufacture if kept in a dry store in the original, unopened bags or packs. Refer to the Use by Date indicated on the packaging.

# Fosroc®

## Preco Bondbreaker

---

### Important notice

A Safety Data Sheet (SDS) and Technical Data Sheet (TDS) are available from the Parchem website or upon request from the nearest Parchem sales office. Read the SDS and TDS carefully prior to use as application or performance data may change from time to time. In emergency, contact any Poisons Information Centre (phone 13 11 26 within Australia) or a doctor for advice.

### Product disclaimer

This Technical Data Sheet (TDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this TDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Parchem does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.



*constructive solutions*

\*Manufactured and sold under license from Fosroc International Limited. Fosroc and the Fosroc logo are trade marks of Fosroc International Limited, used under license.

Page 2

**Parchem Construction Supplies Pty Ltd**  
7 Lucca Road, Wyong NSW 2259  
Phone: 1300 737 787  
[www.parchem.com.au](http://www.parchem.com.au)  
ABN 80 069 961 968

Distributed in New Zealand by: Concrete Plus Ltd  
23 Watts Rd, Sockburn 8042 Ph: 0800 657 156