

Constrip® Bond Breaker

BOND BREAKER

DESCRIPTION

Constrip Bond Breaker is a single component, ready to use bond breaker for releasing either steel to concrete or concrete to concrete works. It is supplied in two grades water based and solvent based, where water based is eco-friendly.

USES & ADVANTAGES

When applied to concrete or steel **Constrip Bond Breaker** produces a surface to which further concrete will not bond.

Uses include in match cast precast concrete, top down construction applied to lean base form concrete in for example underground structures, precast panel production and other applications where bond breaking required.

Advantages include:-

- Economical.
- High coverage rates.
- Solvent free, no toxic fumes for WB.
- Easy application.
- Non toxic for WB.
- Ready to use.
- Provides good debond.
- No fire hazard for WB.

PROPERTIES

	Water Based (WB)	Solvent Based (SB)
Form:	liquid	liquid
Colour:	Milky white	Clear to amber
Specific Gravity:	1.00±0.02	0.82±0.02
Drying Time:	< 1 hr	< 1 hr
Re-coat Time:	2-3 hrs	2-3 hrs

APPLICATION

Constrip Bond Breaker is ready to use and should not be diluted. Apply by brush or spray liberally to the concrete or steel and allow to dry before pouring next concrete. Drying time at 30°C is less than one hour.

In some applications such as match cast concrete effectiveness may be increased by the inclusion of talcum powder.

Notes : It is the applicants responsibility to ensure and achieve the uniform film formation and drying of film before pouring the concrete.

In case of rain during the drying of material, reapply the coat.

COVERAGE RATES

First coat 4.5 - 5.5 m² per litre depending on surface absorption, porosity & texture of the substrate.

2nd coat 6.0 - 7.0 m² per litre.

CLEANING

Clean all equipment & tools with water for water based product & with thinner for solvent based products.

PACKAGING

Constrip Bond Breaker (WB) : 25 L & 200 L plastic container.

Constrip Bond Breaker (SB) : 20 L & 200 L steel container.

STORAGE CONDITIONS & SHELF LIFE

Constrip Bond Breaker should be stored in its original unopened packaging in a cool area. It should not be in direct sun light or be exposed to naked flame or frost. The shelf life is 6 months in original sealed containers.

HEALTH & SAFETY

Constrip Bond Breaker (WB) is a water based emulsion of non- hazardous waxes. Normal hygiene precautions should be taken when using **Constrip Bond Breaker (WB)**. In case of eye or skin contact thoroughly irrigate with water. If irritation persists seek medical advice. **Constrip Bond Breaker (SB)** is flammable.

Avoid skin and eye contact and breathing in vapour. Use away from all sources of heat and ignition - no smoking. Avoid accumulation of static electricity. Electrically link and ground metal containers for transfer of product. Use in a well ventilated area. Exhaust ventilation may be necessary to maintain component airborne concentrations below exposure standards. Keep containers tightly closed when not in use.

Ensure a high level of personal hygiene is maintained when using this product. Wear overalls, chemical goggles, impervious gloves, protective clothing and eye/face protection. If inhalation risk exists wear organic vapour respirator. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Always wash hands before eating, drinking, smoking or using the toilet.

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TECHNICAL SERVICE

The Cormix International Limited Technical Service Department is available to assist you in the correct use of our products and its resources are at your disposal entirely without obligation.

QUALITY ASSURANCE

ISO 9001 : 2015 verified by TUV Nord.

ISO 14001 : 2015 verified by Lloyd's Register International.

CONTACT DETAILS

Cormix International Limited

89 Romklao Rd., Sansab, Minburi, Bangkok 10510

Tel. (66 2) 917 3955-8

Fax. (66 2) 917 3959

<http://www.cormix.com>

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