

ROCKBOND FORM RELEASE

Chemical release agent

DESCRIPTION

ROCKBOND FORM RELEASE (RB 7.18) is a general purpose chemical release agent. The chemically active ingredient contains fatty acids and these weak acids react slowly with the alkalies in cement to produce water-insoluble soaps.

When applied at the recommended dosage, fatty acid-based release agents, based upon volatile solvents, leave a dry film on the surface of the concrete, which becomes the release agent.

SPECIAL PROPERTIES

- Provides a clean and easy release or “strike” without damage to either the concrete face or form.
- Provides protection to timber formwork, impregnating and rendering it waterproof and resistant to rot.
- In the case of steel moulds regular use will inhibit rust.
- Has no adverse effect upon the form or the concrete surface.

USES

- ROCKBOND FORM RELEASE (RB 7.18) is effective on all types of moulds and formwork as well as being suitable as a panel bondbreaker for tilt slab construction. While ROCKBOND FORM RELEASE (RB 7.18) is generally used for tilt slab construction, at colder temperatures it is more advisable to use ROCKBOND TILT RELEASE (RB 7.21) for this application.

MIXING INSTRUCTIONS

ROCKBOND FORM RELEASE (RB 7.18) is supplied ready for use from containers without site mixing and should not be diluted.

PACKAGING

ROCKBOND FORM RELEASE (RB 7.18) is available in 20 Litre and 200 litre non-refundable containers and 1000 litre returnable pods.

APPLICATION PROCEDURE

Surfaces to be coated should be clean, free from grease, dirt or old concrete.

The preferred method of application is by spraying. This method ensures that the expected rate of coverage will be obtained. Brush or roller application may be applied but any excess material be brushed out to obtain a thin and even film over the entire surface.

Allow 1-3 hours to dry before pouring the concrete.

IMPORTANT NOTES

If ROCKBOND FORM RELEASE (RB 7.18) is applied too thick, an excess of fatty acid remains, and dusting of concrete can occur. Remember you only need a fine film.

When used on formwork and as a panel bondbreaker, these areas should not be left exposed to harsh weather for long periods– 5-7 days depending on conditions. It is essential to recoat the complete working area with a fine coating of ROCKBOND FORM RELEASE (RB 7.18) only after if this occurs.

When re-used as a panel bondbreaker, remove the steel reinforcement prior to the recoating of the slab area. Replace the steel and proceed as normal

New timber surfaces may need 2-3 coats due to the porosity of some timbers.

In cold weather and where product may have been subject to temperatures below 4 degrees Celsius containers should be shaken before use.

ROCKBOND FORM RELEASE (RB 7.18) can have a detrimental effect on Rubber and Polystyrene and tests should be undertaken where mould components consist of these products.

Some clear anti-graffiti paints will tend to highlight barely visible surface differences caused by the application method of release agents and other factors. We suggest that when this type of paint is to be used that the concrete is primed with a pigmented product first.

HEALTH AND SAFETY

ROCKBOND SPECIAL CONCRETE PRODUCTS are generally harmless, provided normal precautions are taken when handling chemicals.

Avoid contact with foodstuffs and utensils. Avoid prolonged skin contact. Wear protective clothing, gloves, goggles etc. In the event of contamination wash thoroughly with water. If the eyes or mouth are affected wash with clean water and obtain medical attention.

TECHNICAL DATA

COLOUR:	Amber
SPECIFIC GRAVITY:	0.80-0.90 kg/Litre
FLASH POINT:	75°C
VISCOSITY:	Low (Sprayed)
TOXICITY:	Non-Toxic
DG CLASSIFICATION:	Non-Hazardous
SHELF LIFE:	Unlimited in unopened original containers
COVERAGE RATE:	Timber : Up to 19 m ² / Litre
	Steel : Up to 30 m ² / Litre
	Concrete : Approx 8 m ² / Litre

TECHNICAL INFORMATION

Should you have any queries, or require further information, please contact our Technical Sales Team:

CONTACT DETAILS

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