

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, if preferred ROCKBOND TILT RELEASE (RB 7.21) can be used in 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) and ROCKBOND TILT RELEASE (RB 7.21) are 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.

Supplied by



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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

Over application of ROCKBOND TILT RELEASE (RB 7.21) may result in slight surface retardation and dusting especially in hot weather. In hot weather use ROCKBOND FORM RELEASE (RB 7.18) for tilt slab construction.

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

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

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