

# Concrete Release Agent **FRE-FORM**

## TECHNICAL DATA

### 1.0 DESCRIPTION

FRE-FORM concrete release agent is a chemically active form release agent designed specially for use with steel forms, steam curing and general formwork.

FRE-FORM is suitable for use on all forms except expanded polystyrene. Properly applied, FRE-FORM will not interfere with the adhesion of coatings and sealants. On surfaces not subjected to weathering (e.g., interior) wash the surface with water containing a little detergent, or brush down thoroughly.

A further characteristic of FRE-FORM is that it affords protection to the formwork itself by, in the case of steel, inhibiting rust, and in the case of timber, impregnating the timber rendering it waterproof and resistant to rot.

### 2.0 PHYSICAL PROPERTIES:

2.1. Colour	Amber
2.2. Specific Gravity	0.84
2.3. Flash Point	>100°C
2.4. Shelf Life	1 year in original sealed container.
2.5. Viscosity	Medium (sprayable).
2.6. D.G. Classification	Not regulated
2.7. Toxicity	Non Toxic – avoid skin contact. Refer MSDS.
2.8. Coverage	Non-absorbent surfaces (e.g., steel, fibreglass):..... up to 20m <sup>2</sup> per litre Absorbent surfaces (e.g., wood, concrete, uncoated plywood)..... up to 15m <sup>2</sup> per litre.

### 3.0 USES

FRE-FORM is effective on all types of moulds and formwork. FRE-FORM is recommended for steam-cured metal formwork.

FRE-FORM promotes easy stripping, minimises form clean up, is non-staining and reduces the number of surface air voids (bugholes).

For tilt-slab construction, use DISCRETE.

### 4.0 APPLICATION INSTRUCTIONS

- 4.1. For greatest coverage and best results, apply with a soft, clean cloth taking care to eliminate excess material. Alternatively spray-apply, and then wipe up any excess with a soft cloth.
- 4.2. DO NOT OVER APPLY. DO NOT APPLY TO REINFORCING STEEL.
- 4.3. Surfaces to be treated should be reasonably clean and free of all water, dust and dirt or residues that might transfer to the final concrete surface.
- 4.4. FRE-FORM should be applied to the formwork prior to each use.

### 5.0 PACKAGING

FRE-FORM is available in 20 and 210 litre containers.



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