



The Chemical Company

# RHEOFINISH<sup>®</sup> FR222

General purpose form release agent

## DESCRIPTION

RHEOFINISH FR222 is a low viscosity, chemical release agent for all types of concrete formwork. RHEOFINISH FR222 reacts with the alkalis and water at the interface of the concrete and formwork to produce a thin film of lime soap which breaks the bond enabling the formwork to be readily stripped.

## RECOMMENDED FOR

- Use on all types of formwork to enable clean stripping of forms and provide excellent architectural finishes.
- Use in all concrete construction whether "in situ", precast or prestressed.
- Application to wheelbarrows, trowels, buckets and other construction tools to facilitate cleaning and provide temporary protection against rusting.
- Application to metal window and door frames to prevent adhesion of cement and mortar splashes during construction.

## FEATURES AND BENEFITS

- No discolouration or blotchiness, provides stain-free, "off-form" architectural concrete finishes.
- High coverage rate means RHEOFINISH FR222 is economical to use.
- Suitable for use with normal, off-white and coloured concrete.
- Leaves no residue on concrete finish.
- Excellent "off-form" finish - produces a clear reproduction of formwork texture and sharp concrete features.
- Reduces the incidence of air pockets and tendency of surface spalling at corners.
- Will not impair the bond of subsequent applications of paint, render or tiles.
- Preserves and waterproofs timber forms and inhibits rusting of steel forms in use or storage.
- Protects aluminium windows and door frames from plaster and mortar splashes.
- Easy to use, requires no mixing on site.

## APPLICATION DIRECTIONS

### Substrate Condition

Remove any excessive film of old form oil, dirt, dust or other contaminants. Surfaces should be clean with no free moisture present.

### Application

RHEOFINISH FR222 can be used direct from the container. Apply thinly and evenly using a low pressure spray, sponge mop, broom, roller or brush. Remove any puddles or excess accumulation, or the concrete surface may be left powdery.

RHEOFINISH FR222 should be applied before placing reinforcing steel. Any accidental spillage on steel reinforcement should be removed using a clean rag dampened with turpentine or xylol.

Concrete may be placed soon after the coating has been applied or several days later. Formwork may be stripped as required.

Re-coat forms prior to each use.

## ESTIMATING DATA

Coverage will vary depending on the type of formwork, as a guide:

Type of Formwork	m <sup>2</sup> per litre
Non absorbent	30-60
Smooth plywood or dense-grained timber	20-40
Porous or rough sawn timber	16-24

## SHELF LIFE

RHEOFINISH FR222 has a shelf life of approximately 18 months stored in a dry place in tightly closed original containers at moderate temperatures.

## STORAGE

RHEOFINISH FR222 should be stored in a covered area and at a temperature between -7°C and 35°C. If these temperatures are exceeded the product may be used if it is returned to temperatures within these limits and remixed thoroughly.

## PACKAGING

RHEOFINISH FR222 is available in 20 litre pails, 200 litre drums and 1000 litre pallets.



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## STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this **BASF** publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

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## NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by **BASF** either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not **BASF**, are responsible for carrying out procedures appropriate to a specific application.

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