

RHEOFINISH[®] 253

Form release agent

DESCRIPTION

RHEOFINISH 253 is a ready to use, medium viscosity, chemical release agent for all types of concrete formwork. It reacts with the alkalis in water at the interface of the concrete and formwork to produce a thin film of lime soap that prevents formation of any bond between concrete and formwork, enabling the easy striking of formwork.

FIELDS OF APPLICATION

RHEOFINISH 253 is recommended for all formed concrete (Vertical or Horizontal application) where it is desired to obtain an exposed finish.

FEATURES AND BENEFITS

Prevents adhesion of cement Easy and faster cleaning of formwork. Minimized damage to formwork surfaces and better utilization. Saves labor in cleaning of window and door frames after plastering.

Leaves no residue Unstained, fair-faced concrete without any discoloration. Does not impair bond of paints, renders, etc. on concrete.

Superior release property Easy striking of formwork without damage. Excellent 'off-form' finish - clearly reproduces the texture of formwork surface over concrete.

Forms water repellent film on formwork Protects timber forms from warping and inhibits rusting of steel forms.

Low viscosity Easy application and high coverage.

Inhibits formation of air pockets Minimized surface blemishes on concrete.

APPLICATION

Surface preparation

Surfaces should be clean, and free from loose particles, oil, grease, or any other contaminant. Cement laitance, loose particles, oil, grease, mould release agent, curing membrane, rust and other surface contaminants must be removed by suitable methods without damaging the formwork surfaces.

For best results, apply an even coat by a low pressure spray equipment (Knapsack sprayer), sponge mop, roller or brush. Remove any puddles of excessive application.

It is recommended to be applied before placing reinforcing steel. Otherwise any accidental spillage on steel bars should be removed using a clean rag dampened with turpentine, xylene or toluene.

It is important to avoid leaving patches of untreated areas, hence, ensure that there are no breaks during application until a well marked area is completely treated.

Concrete can be placed soon after application of **RHEOFINISH 253**. Re-coat forms prior to each use.

Equipment

Low pressure sprayer, roller or brush.

Cleaning

Clean the tools and equipment using turpentine, xylene or toluene.

ESTIMATING DATA

The coverage of **RHEOFINISH 253** will vary on the type of formwork and its surface conditions. As a guide;

Type of formwork	coverage in m ² /L
Non absorbent (e.g. steel)	30-60
Smooth plywood or dense grained timber	20-40
Porous or rough sawn timber	16-24

PACKAGING

RHEOFINISH 253 is available in 20 L pails and 205 L drums.

SHELF LIFE

RHEOFINISH 253 can be stored for 12 months in tightly sealed original containers at ambient temperature.

Head Office / Factory
Jl. Jababeka V Blok I-1
Cikarang Industrial Estate
Bekasi 17530
T +62 21 8934339
F +62 21 8934342

Representative Office
Surabaya
Jl. Dukuh Kupang I No.71-73
Surabaya 60225
T +62 31 5662210; 5662365
5662382; 5682027; 5681972
F +62 31 5672161

Medan
Taman Setia Budi Indah I
Jl. Cycas II/6 Blok AA No.21
Medan 20131
T +62 61 8212145
F +62 61 8212447





The Chemical Company

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PRECAUTIONS

Health : RHEOFINISH 253 is non toxic but can cause irritation to persons with sensitive skin if exposed and respiratory reaction if inhaled.

Safety : Wear eye protection, gloves and mask while handling the product. Wash thoroughly after handling.

In case of accidental eye contact wash with copious amount of water and seek medical help.

If ingested drink a glass of water and do not induce vomiting. Consult doctor immediately.

Flammability : **flammable**.

For detailed health, safety and environmental recommendations, please consult and follow all instructions in the product Material Safety Data Sheet.

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STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this **BASF Construction Chemicals** 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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