

Vegetable Oil Emulsion Based Form Release Agent used for obtaining aesthetic surface finishes

Description of Product

RHEOFINISH[®] 257P is a vegetable oil emulsion based form release agent for horizontal and vertical applications. RHEOFINISH[®] 257P has been specially formulated to be used in all kinds of form finishes to obtain aesthetic surface finishes.

Fields of Application

RHEOFINISH[®] 257P can be applied to wood, plywood and steel form systems. It can be used in precast, special projects and decorative concrete applications. RHEOFINISH[®] 257P can also be used in white or coloured concrete applications.

Features and Benefits

- Enables easy stripping of formwork and reduces cleaning by reducing adhesion between form and concrete.
- Highly reduces holes and surface errors on concrete surface, enabling aesthetic surfaces.
- Extends usage period of the form.
- Does not cause stains or color differences on concrete surfaces.
- Reduces corrosion risk on the form.
- Concordant with environment and worker health rules.

Technical Data/Typical Properties

Appearance	Milky white liquid
Specific gravity @ 20°C	0.95 ± 0.05 g/cm ³
pH-value	7.0 ± 1

The values above are given for +23°C and 50% relative humidity

Application Procedure

Before using RHEOFINISH[®] 257P, the moulds should be thoroughly cleaned. Remove any surplus concrete remains, wood, iron pieces, snow and ice etc. RHEOFINISH[®] 257P may be applied by either spray or roller on any type of forms. Excess oil on the form should be cleaned to protect concrete surface from its effects. In spraying applications, there must be 50 – 100 cm between nozzle and form surface, and pressure should be 5 – 6 bars.

Coverage

Although coverage varies depending on the shape of form; 1 liter of RHEOFINISH[®] 257P covers a form area of 30 m² when applied by roller/brush and 50m² when sprayed from a nozzle at 5 - 6 bar spraying pressure.

Watch points

RHEOFINISH[®] 257P should not be applied at temperatures below 0°C or during heavy rain. After being applied to the mould, pouring of concrete is not suggested till the white liquid color on form surface is colorless.

Compatibility

RHEOFINISH[®] 257P can be used on all types of forms except forms of non oil-resistant rubber or polymers.

RHEOFINISH[®] 257P must not be mixed with other products.

Packaging

RHEOFINISH[®] 257P is available 1000-litre IBC's, 205-litre drums and 25-litre containers.

Storage

RHEOFINISH[®] 257P should be stored in original sealed containers and at temperatures between 0°C and +40°C, in covered area. It should also be protected to direct sunlight.

Shelf Life

12 months if stored according to manufacturer's instructions in unopened container.

Handling and transportation

Protective gloves and glasses (and dust mask in spray application) are recommended. Avoid contact to skin and eyes during storing and application. If such a contact occurs, it must be washed by soap and plenty of water. Consult a physician urgently if swallowed. Food and drink must be kept outside the application areas. Must be stored away from children. Please refer to the Material Safety Data Sheet for detailed information

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Health and Safety

*For full information on Health and Safety matters regarding this product the relevant Health and Safety Data Sheet should be consulted.

The following general comments apply to all products.

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs, (which may also be tainted with vapour until the product is fully cured and dried). Treat splashes to eyes and skin immediately. If accidentally ingested, seek medical attention. Keep away from children and animals. Reseal containers after use.

Spillage

Chemical products can cause damage; clean spillage immediately.

DISCLAIMER

"BASF plc, Construction Chemicals" (the Company) endeavours to ensure that advice and information given in Product Data Sheets, Method Statements and Material Safety Data Sheets (all known as Product Literature) is accurate and correct. However, the Company has no control over the selection of its products for particular applications. It is important that any prospective customer, user or specifier, satisfies him/her-self that the product is suitable for the specific application. In this process, due regard should be taken of the nature and composition of the background/base and the ambient conditions both at the time of laying/applying/installing the material and when the completed work is to be brought into use.

Accordingly, no liability will be accepted by the Company for the selection, by others, of a product, which is inappropriate to a particular application.

Products are sold subject to the Company's standard conditions of sale and all customers, users and specifiers, should ensure that they examine the Company's latest Product Literature.