

Economical form release agent for concrete

Description of Product

RHEOFINISH[®] 399P is a ready-to-use mould oil, based on a customised blend of mineral oils and surface active agents. RHEOFINISH[®] 399 P has been specially formulated to give an easy and complete release of the concrete from the forms and a significantly improved quality of the concrete surface, which is smooth, homogeneous and free of pinholes.

Fields of Application

RHEOFINISH[®] 399P may be applied on most types of concrete forms such as wood and metal, where good surface finish and optimum release are required.

Features and Benefits

RHEOFINISH[®] 399P gives an improved exposed surface of concrete economically by reducing the application time, quicker stripping, easier and faster cleaning of the forms and increased life of the formworks.

- Ready-to-use
- Better protection against rusting of steel forms
- May be used with all types of concrete
- Normal or delayed stripping

Technical Data/Typical Properties

Appearance	Thin amber liquid
Specific gravity @ 20°C	0.84g/cm ³
Odour	Faint hydrocarbons
Kinematic Viscosity @ 21°C	6.5c/St

Application Procedure

RHEOFINISH[®] 399P is a ready-to-use product that can be applied either by a sprayer, brush or a roller on any type of forms. The spray application should be carefully carried out in order to achieve a satisfactory and even coverage.

The spraying should be done at a suitable distance from the mould (approx. 50 - 100 cm) so that the release agent is evenly distributed in a uniform film thickness. During spraying, it is critical that the spraying pressure is adequately high (2 - 4 bars) and that the gun, especially the nozzle is completely tight in order to avoid dripping.

When spraying with a portable handgun, a slit nozzle with a spraying angle from 65 to 80° has been found to give the best results.

Coverage rate

The coverage of RHEOFINISH[®] 399P depends upon the application method. If applied uniformly by a sprayer at a constant pressure of 4 bars on metallic or on impervious material the coverage rate is up to 30 m²/litre.

Compatibility

RHEOFINISH[®] 399P can be used with most types of forms. RHEOFINISH[®] 399 P must not be mixed with other products.

Packaging

RHEOFINISH[®] 399P is supplied in 205-litre drums, 1000-litre containers or in bulk.

Storage

RHEOFINISH[®] 399P should be stored in original sealed containers and at temperatures between - 5°C and +30°C. If stored according to the manufacturer's instructions, the shelf life is 12 months.

Handling and transportation

No special requirements need to be observed during use. Protection gloves and glasses (and dust mask in spray application) are however recommended. Do not eat, drink or smoke during the application. RHEOFINISH[®] 399P is non-flammable and is not subject to special transport requirements.

BASF IBC Admixture Systems Limited
Unit 143 Baldoyle Industrial Estate,
Baldoyle,
Dublin 13,
Ireland
Tel: +353 (1) 8321005
Fax +353 (1) 8393539
www.basf-ibc-admixture-systems.ie

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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 IBC Admixture Systems Limited" (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.