

# RHEOFINISH<sup>®</sup> 277

Formerly sold as Aquaseal 777 Release Agent

## Concrete Release Agent

### Description of Product

RHEOFINISH<sup>®</sup> 277 has good resistance to rain wash off and is a very versatile release agent, capable of use with a wide range of mix designs and other site variables.

RHEOFINISH<sup>®</sup> 277 conforms to the requirements of C & C.A. category 2.

### Fields of Application

- Its main use is on unsealed plywood and timber shutters.
- Can also be used on non-absorbent form faces, but only a very thin film should be applied.

### Features and Benefits

- RHEOFINISH<sup>®</sup> 277 is a barrier type release agent.
- Can be applied days before casting.

### Technical Data/Typical Properties

Flash point	104°C
-------------	-------

### Application Procedure

#### Preparation of Substrate

New plywood and timber boards absorb significant quantities of oil particularly in hot weather; apply a generous sealing coat after the shutters are made up and allow to soak in. A further application is essential prior to each pour and should be made as late as possible before shutter erection.

Do not apply too much oil for striking: not only is this wasteful, but the best concrete surface finishes are obtained only when there is a thin release agent film at the shutter/concrete interface.

### Coverage

This will vary with the porosity of the shutter material, air temperature, and the method of application, but as a general rule for most applications 18 m<sup>2</sup> per litre is sufficient.

### Equipment

Industrial canister sprayers with flat fan sprays should be used, these being more efficient and less wasteful than horticultural/garden type sprayers that have a cone shaped spray.

The industrial canister sprayers are frequently supplied with too large a jet, resulting in over-application. A common scale of jet sizes use the letters, B, C, or G, followed by the number 60, indicating fan angle.

Use B60 jet for all seasons.

### Packaging

Available in 25, 205 and 1000 litre containers.

### Storage

RHEOFINISH<sup>®</sup> 277 contains a flammable solvent, and all normal precautions against fire must be taken during both storage and use.

### Shelf Life

Two years when stored as recommended by the manufacturers.

## RHEOFINISH® 277 Degussa Construction Chemicals UK Version 3

### **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.

### **Solvent Based Products**

Use in well ventilated areas; avoid inhaling. Suitable respiratory equipment may be needed, eg when spraying. Can cause skin, eye irritation. Wear protective eye shields and gloves during use. Do not smoke or allow sparks or naked lights when stored or in use.

### **Powder Products**

Should be handled to minimise dust formation; use light mask if excessive dust unavoidable. Cement powders when wet or moistened can cause burns to skin and eyes which should be protected during use.

### **Resin Products**

Can cause irritation, dermatitis or allergic reaction. Use protective equipment particularly for skin and eyes. Use only in well ventilated areas.

### **Spillage**

Chemical products can cause damage; clean spillage immediately.

### **Disclaimer:**

This information and all further technical advice is based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.