



FORMWORK TREATMENTS

Concrete Formwork Treatments

FORMLEASE PREMIUM

Premium Grade Chemical Release Agent

Description

A chemical release agent for use on formwork and shuttering, which gives superior finish to cast concrete. It is a blend of reactive oils in a partially evaporative rapid drying hydrocarbon carrier. The carrier dries to form a positive barrier coating on the form face. This leaves the reactive materials which subsequently combine with alkalis in the concrete to form soaps at the interface of the formwork barrier coating and the concrete. This double action not only facilitates easy formwork release and first class concrete finish but also maintains a degree of formwork cleanliness beyond that generally obtained by other release agents.

Advantages

- Recommended for use in confined or poorly ventilated areas, tunnelling etc.
- Suitable for use on all common formwork surfaces including: steel plywood, polypropylene, plastics and rubber.
- Suitable for use on potable water projects
- Coverage 35 - 50m² per litre
- Assists in the production of high quality blemish free concrete surfaces.
- Suitable for use with either white or standard OPC concrete mixes.

Using the classification system adopted in the Concrete Society's "Formwork: a Guide to Good Practice", **FORMLEASE PREMIUM** is classified as a category 5 chemical release agent. Concrete release is achieved by way of a chemical reaction taking place between the cement grout at the face and the **FORMLEASE PREMIUM** deposited on the form-face. This reaction forms an insoluble metallic soap at the interface (concrete/formwork) that breaks the bond between the two materials.

Application

Apply lightly by spray or light swab, do not over apply. On initial use with unsealed plywood, apply two coats the second coat to be applied after the first has dried. In all other situations **FORMLEASE PREMIUM** may appear to dry on the surface, this is normal, do not re-apply as over application is detrimental to surface finish.

Stripping

Unless some form of accelerator has been used to aid rapid concrete set, forms should not be stripped earlier than 12 hours after pouring when using OPC, or 48 hours if using Sulphate Resistant Portland cement.

Handling precautions

In common with all hydrocarbon based materials skin contact should be avoided wherever possible. In case of contamination, wash promptly with soap and water. Refer to our detailed health and safety data sheet on this product.

Cleaning

Clean spray equipment promptly. Minor deposits of white on the formface can be removed using a cleaning rag dipped into **FORMLEASE PREMIUM**.

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Storage

No special storage considerations are required as this product is not affected by frost or ambient heat. Flash point in excess of 70°C

Shelf life

Practically unlimited in sealed containers.

Health and safety

A separate detailed health and safety sheet is available on this product, request a copy from your local stockist.

WRAS

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