

PENTENS MO-10

Oil Based Mould Release Agent

Product Data Sheet

Description

PENTENS MO-10 oil-based mould release agent is a specially formulated blend of chemicals which is superior compared to conventional mould oil.

PENTENS MO-10 promotes a water-repellent interface that provides excellent concrete release from metallic moulds used in both precast and roof tile manufacturing industries.

Its chemical release with concrete forms effectively prevents bonding of concrete to steel, aluminum, plywood or composite forms.

Uses

PENTENS MO-10 provides easy application, quick and easy way for stripping steel, G.R.P. moulds and also helps in formwork.

- Pre-cast concrete industry
- Slip forming
- Steel
- Basements and foundations

Advantages

- Environmentally friendly.
- High quality fair-faced.
- Ensures good stain-free concrete.
- With good wear resistance.
- Safe to use.
- Water repellent interface.
- Inhibits corrosion of steel formwork.
- Minimises areas of cleaning for shutters.

Technical & Physical Data

Specific Gravity	0.84 at 26°C
Appearance	Amber color liquid
Odour	Characteristic of Kerosene
Temperature Limitation	60°C
Coverage	15m ² - 60m ² /L
Flash Points	60°C - 70°C
Auto Ignition Temperature	>250°C
Shelf Life	>12 months
Storage Condition	Store in a dry, cool place
Packaging	18litre /pail 210litre /pail

Important Notes

The material must be stored indoor to avoid being exposed to direct sunlight, wind or rain. The material shall be kept away from fire or smoke.

Instruction for Use

Surface Preparation

All surfaces must be clean, free from grease, oil and laitance. Remove all dirt and contaminants.

Coverage

15m²-60m²/litre

Application

PENTENS MO-10 can be applied by brush, roller or spray method.

All non-absorbent surfaces require only a single application. New unsealed timber surfaces, should be cast within 48 hours.

Timber surfaces should be recoated in case of delay in excess of 48 hours. Formwork should be brushed or wiped to get rid of any excess dust prior to the application.

Apply adequate amount of form oils.

Form oils should be painted evenly as any unpainted parts will cause bonding to concrete products.

Cleaning

Tools and equipment can be easily cleaned with water immediately after use. Hardened material can only be mechanically removed.

Safety

In case of contact with eyes, rinse with clean water and seek medical advice if symptoms persist.

Fire

Due to its high flashpoint, the flammability risk of PENTENS MO-10 is low. However, ensure adequate ventilation when using the product.

PENTENS

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