

Rocky MSW

Description

ROCKY MSW is a single component, water-based release agent. The white emulsion product is composed of emulsified mineral oils and non-hazardous chemicals specially formulated to produce a clean release. After the removal of formwork, the resultant concrete has a smooth, hard, uniform finish with reduced incidents of blowholes.

Use

- Plywood
- Timber
- Steel

Advantages

Water based, eco-friendly product
 Odorless and nonflammable
 Produces neat concrete surfaces by letting air and water bubbles rise freely during vibration
 Ensures easy release, reducing damages and improving efficiency of production
 Minimize surface stains and blemishes even with white cement
 Suitable for use with virtually all types of formwork

Technical Properties

Appearance	milky white liquid
Density at 25 °C	0.97 kg/L
VOC	0.48 g/L
Drying Time at 25 °C	2 - 3 hours
pH of emulsion at 25 °C	7.5
Temperature of Application	+5°C to +35°C
Harmful to ECC88/379	No
Inflammability	No

Mould and Shutter Preparation

All mould and shutter surfaces must be cleaned from deposits of rust, concrete, oil and other materials.
 It can be applied over fresh or old formwork.

Rocky MSW

Application

ROCKY MSW can be applied by brush, roller or mould oil sprayer.

If mould oil sprayer is used, the nozzle is atomized to give a light and uniform coating. Excessive application should be avoided.

However, if ROCKY MSW is overapplied, excess material should be allowed to drain and be carefully removed from the bottom of the mould by a cloth or sponge. Pools of ROCKY MSW should not be allowed to dry. Otherwise, surface retardation of the concrete will occur.

For proper results, it is advisable to apply ROCKY MSW two hours at least before using the mould or shutter.

After Stripping and Demoulding

The formwork and mould should be brushed or wiped clean of any excess dust prior to reapplication for the next use of the mould.

Repair of Moulds

After extensive use, surface of moulds will require repair. It should be cleared of all residue and traces of ROCKY MSW to ensure proper adhesion of the repair material. Cleaning shall be done by detergent followed by rinsing with water.

Recommendations

Application should be done in thin layers.

Cleaning

Tools and equipment should be cleaned with water immediately after use. Hardened materials should be mechanically removed.

Rocky MSW

Coverage

ROCKY MSW is supplied in 210-liter drums.

Coverage:

Smooth, pore less form surfaces -
42.50 m²/liter.

Semi porous form surfaces - 17 m²/liter.

Porous form surfaces - 12 m²/liter.

Very porous form surfaces -
10.50 m²/liter.

Shelf Life & Storage

ROCKY MSW has a minimum shelf life of 12 months when stored in unopened covered and dry place. Avoid exposing the drums to sunlight. Extreme temperatures cause the product to deteriorate.

Health & Safety

ROCKY MSW is a non-toxic material. However, inhalation of spray should be avoided, and it is advisable to wear goggles when spraying. In case of eye contact, flush with water for few minutes. If irritation continues, consult a doctor. If product is ingested, do not induce vomiting, seek medical attention immediately.

Important Note

The information in this Technical Data Sheet is based on Rocky-SCM Canada's experience. Rocky-SCM does not accept any liability arising from the use of its products as it has no direct or continuous control over where or how its products are applied. All Rocky-SCM Data Sheets are updates on regular basis. It is the user's responsibility to obtain the latest version.