

Rocky MSS

Description

ROCKY MSS is a single component, solvent based mould and shutter release agent. It provides a chemical release action that is superior to that provided normal oil-based release agents.

Use

- Plywood
- Timber
- Steel

Advantages

- 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	liquid
Color	slightly amber
Physical Characteristics	very fluid, clear, non-oleaginous
Density at 25 °C	0.83 kg/L
Drying Time at 25 °C	> 60 minutes
Flash Point	Above 55°C
Temperature effect	Sustains temperature down to - 25 °C
Appearance	liquid

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 ACC Block

Application

- ROCKY MSS can be applied by brush, roller or mould oil sprayer. In most cases, spray application is recommended.
- If mould oil sprayer is used, the nozzle is atomized to give a light and uniform coating. Excessive application should be avoided.
- Non-absorbent surfaces require a single application. New, unsealed, timber surfaces should be recoated if delay in use of the mould leads to absorption of the release agent into the timber.
- However, if ROCKY MSS is overly applied, excess materials should be allowed to drain and be carefully removed from the bottom of the mould by a cloth or sponge. Pools of ROCKY MSS should not be allowed to dry. Otherwise, surface retardation of the concrete will occur.
- The surface should be re-coated depending on the porosity and texture of the mould surface.

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 cleaned of all residue and traces of ROCKY MSS to ensure proper adhesion of the repair material. The mould shall be cleaned by detergent followed by rinsing thoroughly with water.

Recommendations

Application should be done in thin layers.

Cleaning and Disposal

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

Rocky ACC Block

Coverage

- ROCKY MSS is supplied in 20- and 210-liter drums.
- Coverage: Smooth, non-porous form surfaces 40 - 50 m²/liter

Shelf Life & Storage

ROCKY MSS 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 MSS 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.