

# ENEREL SB

Solvent-based mold and form-work release agent

## DESCRIPTION

**ENEREL SB** is a single component, low viscosity clear color liquid composed of synthetic minerals and special varied additives that performs in a superior manner to standard solvent-based release agent, **ENEREL SB** provides the plywood surface with a water-repellent film preventing concrete from adhering to the form work resulting with a smooth, stainless concrete surface.

## USAGES

- Suitable for use on all types of formwork
- Sediment free, highly mobile liquid, which can be used in very fine sprays without clogging the jets
- Very economic coverage rates can be obtained without difficulty
- Retains its mobility at low temperatures
- May be applied immediately prior to casting or treated forms may be left until apparently dry
- Widespread experience shows that treated forms can be exposed to give usual results
- Continued use gives progressively better results on timber form work

## ADVANTAGES

- Factory controlled single component easy to use
- Stainless fair-faced concrete finish.
- Ensure easy release reducing damage to molds and formwork
- Produces neat concrete surfaces by letting the air & water bubbles rise free during vibration
- Performs all wooden or plywood form surfaces, GRC as well as to synthetic or steel forms
- Extend usable life of shuttering
- Very economic coverage rates can be obtained without difficulty
- Widespread experience shows that treated forms can be exposed to give usual results
- It retains its mobility at low temperatures

## TECHNICAL DATA

### ENEREL SB

Appearance

### Typical values

Yellowish Clear liquid

Specific Gravity @25°C

0.85

Chloride Content

NIL

Freezing Point

< -5°C

Application Rate

20 – 50 m<sup>2</sup>/liter  
(depending on type of shuttering)

## STANDARDS

**ENEREL SB** Compliance with Concrete society category 5 chemical mold release agent.

## USAGE INSTRUCTIONS

### 1. Surface Preparation

All molds, shutter surfaces must be cleaned from deposits or rust, oil or other materials. The product is ready to use without any dilution.

### 2. Application

**ENEREL SB** is supplied in drums ready to use at site without a need to premix operation. It can be applied by brush, roller or spraying machine.

Apply **ENEREL SB** on plywood or steel shutter before the first casting. After every use of formwork, the shutter should be recoated lightly with **ENEREL SB**.

Do not over-apply **ENEREL SB** on the formwork, excessive material should be allowed to drain before using the form-work.

Apply the product with a brush or preferably with a sprayer. For best results, it is advisable to apply **ENEREL SB** at least two hours before using the shutter.

Consult Arkaz technical department for any additional information.

### 3. Cleaning

**ENEREL SB** should be absorbed into sand, earth or vermiculite and transferred to suitable container, and disposal should be according to local authority regulation. After use, the formwork or mold should be brushed or wiped clean of any excess dust prior to re-application of **ENEREL SB** for the next use of the mold.

## PACKAGING

**ENEREL SB** is supplied in 200 liters free, non-returnable containers. Alternatively, 1,000 liters IBCs can be arranged.

## HEALTH & SAFETY

**ENEREL SB** contains certain chemicals and should be treated as potentially harmful as there is a possible risk of irreversible effects in contact with skin, **ENEREL SB** should not be swallowed or allowed to come into contact with skin and eyes. Avoid inhalation of vapors and ensure adequate ventilation.

Wear suitable gloves and eye/face protection. Should be accidental skin contact occur, remove immediately with soap and water- do not use solvent.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice, if swallowed seek medical attention immediately- do not induce vomiting.

For further information consult the Material Safety Data sheet available for this product.

## STORAGE & SHELF LIFE

**ENEREL SB** shall be stored in normal conditions away from extreme temperatures. Minimum shelf life is 12 months.

### TECHNICAL SERVICE

The technical service department of Arkaz is available to assist in the correct and best use of our products, these resources and advice are at your disposal entirely without obligation.

Please contact:  
concretedoctor@arkaz.com

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