

ENEREL WB

Water-based mold and form-work release agent



DESCRIPTION

ENEREL WB is a single component, milky liquid composed of synthetic oils, special emulsifying agents and varied additives with high anti-adhesion properties towards concrete. **ENEREL WB** provides the plywood surface with a water-repellent film preventing concrete from adhering to the formwork 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
- Used for the treatment of wooden and metal formwork or molds prior to the casting of concrete to facilitate form stripping
- Minimizing concrete surface blemishes and pinholes
- May be applied immediately prior to casting or treated forms may be left until apparently dry

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
- Water-based, environment friendly product
- Extend usable life of shuttering
- Very economic coverage rates can be obtained without difficulty
- Odorless and non-flammable
- It retains its mobility at low temperatures
- Non-toxic and non-hazardous

TECHNICAL DATA

ENEREL WB	Typical values
Appearance	Milky liquid
Specific Gravity	0.95 at 25°C
Chloride Content	NIL
Application Temp.	Minimum +5°C
pH Value	8 – 10 @25°C
Application Rate	10 – 40 m ² /liter (depending on type of shuttering)

STANDARDS

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

USAGE INSTRUCTIONS

1. Surface Preparation

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

2. Application

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

Do not over-apply **ENEREL WB** 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 WB** at least two hours before using the shutter.

Consult Arkaz technical department for any additional information.

3. Cleaning

Clean tools with water promptly before material hardens. Hardened material can be mechanically removed.

PACKAGING

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

HEALTH & SAFETY

ENEREL WB is harmful, therefore, avoid direct contact with eyes or skin. It is recommended to use protective gloves and goggles during application with plenty of clean cold water and seek medical advice if irritation persists.

ENEREL WB is non-flammable.

STORAGE & SHELF LIFE

ENEREL WB shall be stored in normal conditions away from extreme temperatures. 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 us via our website arkaz.com

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