

Arkrelease SB

Solvent-based mold and form-work release agent

DESCRIPTION

Arkrelease 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, **Arkrelease SB** provides the form 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

Arkrelease SB	Typical values
Appearance	Yellowish Clear liquid
Specific Gravity @25°C	0.85
Chloride Content	NIL
Freezing Point	< -5°C
Application Rate	20 – 50 m ² /liter (depending on type of shuttering)

STANDARDS

Arkrelease 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

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

Do not over-apply **Arkrelease 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 **Arkrelease SB** at least two hours before using the shutter.

Consult Arkaz technical department for any additional information.

3. Cleaning

Arkrelease 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 **Arkrelease SB** for the next use of the mold.

PACKAGING

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

HEALTH & SAFETY

Arkrelease SB contains certain chemicals and should be treated as potentially harmful as there is a possible risk of irreversible effects in contact with skin, **Arkrelease 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

Arkrelease SB shall be stored in normal conditions away from extreme temperatures and weather conditions. 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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13-March-2020