

STELLA-CRETE

MRA-100

WATER-BASED MOULD RELEASE AGENT



- Easy de-moulding** ✓
- Suitable for metal and timber formwork** ✓
- Fast and easy application with low-pressure** ✓
spray, roller or paint brush
- Natural finishing without stain and marks** ✓
- Fine finishing with minimum void appearances** ✓
- Non-toxic and non-corrosive** ✓
- Prevent efflorescence** ✓



**KEEP
COOL & DRY**



**BUATAN MALAYSIA
MADE IN MALAYSIA**

MRA-100 WATER-BASED MOULD RELEASE AGENT

MRA-100 is a water-based mould release agent specifically designed blend based on light and clear hydrocarbon carrier reacts with alkaline cement products to form stable insoluble heavy metal soap. It forms a thin debonding film between formwork and concrete to ensure de-moulding and natural finishing with minimum void appearances.

PRODUCT FOR PROFESSIONAL USE

APPLICATION EXAMPLES

- Concrete precast panel
- Culverts
- Shear wall
- R.C. piles
- Column, slab and beams
- Bridges
- Retaining walls

ADVANTAGES

- Easy de-moulding
- Suitable for metal and timber formwork
- Fast and easy application with low-pressure spray, roller or paint brush
- Natural finishing without stain and marks
- Fine finishing with minimum void appearances
- Non-toxic and non-corrosive
- Prevent efflorescence

RECOMMENDATION

- Do not dilute the material with water or solvent base materials.
- Thin and unbroken film with full coverage to formwork surfaces.
- The treated formwork shall not wait too long for casting, shorter opening time produces better de-moulding effects.

APPLICATION PROCEDURE

Substrate preparation

- Ensure all substrate to be treated shall be clean, dry, free from oil, wax, dirt or grease and uncontaminated.
- Thin and unbroken film is recommended. Preferably apply with low-pressure spray which ensure even treated and more economical.

Roller and paint brush may be used.

- Skilled and well-trained applicator shall be assigned to ensure most economical and effective coverage. Indoor application / casting is strongly recommended.

PREPARING THE MIX

MRA-100 shall be treated to formwork prior to each casting. Opening time for timber formwork is 1 day; and 2 days for metal formwork if exposed to weather; indoor would be 2 days and 3 days respectively. If the exposure period is longer than the recommended period; the formwork shall be re-treated with MRA-100 before proceeding concrete casting.

Formwork shall be treated with MRA-100 before erecting into position to avoid possible contamination to the reinforcement. If the reinforcement accidentally coated with MRA-100, apply a layer of cement slurry and remove the slurry after it dried before proceed concrete casting.

The reuse of formwork shall be cleaned with scrubbed before applying MRA-100.

CLEANING

Tools can be clean with clean water before the product dried.

SAFETY INSTRUCTIONS FOR PERPARATION AND APPLICATION

The applicator is advisable to use protective gloves, mask and goggles and take the usual precautions for handling chemicals. If the product comes in contact with the eyes or skin, wash immediately with plenty of clean water. If uncomfortable feeling is persistent, seek medical expert consultation. For further and complete information about the safe use of our product please refer to the latest version of our Material Safety Data Sheet.

CONTACT US

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Packaging: 206 litres