

DARAKOTE[®] MRA1

Mould Release Agent

Product Description

DARAKOTE[®]MRA1 is a chemical release agent, specially formulated to give easy release of formwork and high quality surface finishes to concrete.

Typical Properties

DARACEM [®] 19CFU	
Appearance	Clear Amber Liquid
Specific Gravity	0.84 at 20°C
Flash Point (Pensky Martin closed cup)	75°C
Freezing Point	Less than -5°C

Advantages

- DARAKOTE[®] MRA1 is suitable for use on all types of formwork.
- It is a sediment free, highly mobile liquid, which can be used in very fine sprays without clogging the jets.
- There is no unpleasant odour, even when using a fine fog spray.
- Very economic coverage rates can be obtained without difficulty.
- DARAKOTE[®] MRA1 retains its mobility at low temperatures
- It 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 formwork.
- DARAKOTE[®] MRA1 dries in 1-2 hours to give a safe working surface on shutters.
- DARAKOTE[®] MRA1 provides quick, positive release of formwork, reducing labour costs and damage to formwork and moulds.
- It drastically reduces the incidence of blowholes, surface blemishes and staining.
- It is an effective rust inhibitor.

Method Of Use

DARAKOTE[®]MRA1 is ready to use and should not be diluted. It should be applied as thinly and evenly as possible.

DARAKOTE[®]MRA 1 can be applied to all types of formwork by spray, fine-hair brush, swab or roller. Any excess should be mopped up. For the best and most economical performance, application by fine fog spray is recommended. It will not clog fine jets even at freezing temperatures.

Coverage

30–40 square metres per litre

The above figures apply for use with a fine spray on metal or sealed ply at 15°C. Rough forms and application in cold weather will give lower rates. With new timber, a sealing coat should be applied first and then a second coat before concrete placing.

Health and Safety

For further advice see the DARAKOTE®MRA1 SDS (Safety Data Sheet) or consult GCP Applied Technologies.

Packaging

DARAKOTE®MRA1 is supplied in 210 litre, non-returnable containers.

Alternatively, 1000 Litre IBCs or bulk deliveries can be arranged

Storage

DARAKOTE®MRA1 requires no special storage. Exposure under test conditions down to –5°C for extended periods showed no separation of constituent parts.

Store in well ventilated conditions away from electrical equipment and other sources of ignition.

Storage Life in Manufacturer's Drums:

12 months from date of manufacture

Storage Life in Bulk Storage:

12 months from date of delivery

Technical Service

The Technical Service Department of GCP Applied Technologies is available to assist you in the correct and best use of our products. These resources and advice are at your disposal entirely without obligation.

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