

DARAKOTE[®] MRA3

Mould Release Agent

Product Description

DARAKOTE[®]MRA3 is a chemical release agent, specially formulated to give easy release of formwork and high quality finishes to concrete. This material has been specially developed for use where heated moulds are in use, or where large areas of complicated shutter work are involved and some lateral movement is expected.

DARAKOTE MRA1

Appearance	Clear Amber Liquid
Specific Gravity	0.86 at 20°C
Flash Point (Pensky Martin closed cup)	76°C
Freezing Point	Less than -5°C

Advantages

- DARAKOTE MRA3 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 MRA3 retains its mobility at low temperatures
- It may be applied immediately or prior to casting, treated forms may be left overnight. Widespread experience shows that treated forms can be exposed to weather for 14 days without re-treatment, to give the usual excellent results.
- Continued use gives progressively better results on timber formwork.
- It can be used with either grey or white cement.
- DARAKOTE MRA3 provides a 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 MRA3 is ready to use and should not be diluted. It should be applied as thinly and evenly as possible.

DARAKOTE MRA3 can be applied to all types of formwork by spray, fine-haired

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 to the use with a fine spray on metal or sealed ply at 15°C. Rough forms, hand application and 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 MRA3 SDS (Safety Data Sheet) or consult GCP Applied Technologies.

Packaging

DARAKOTE MRA3 is supplied in 210 litre, non-returnable containers. Alternatively, 1000 Litre IBCs or bulk deliveries can be arranged.

Storage

DARAKOTE MRA3 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.

gcpat.ae | United Arab Emirates customer service: +971 4 5139560

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GCP Applied Technologies Inc., 2325 Lakeview Parkway, Alpharetta, GA 30009, USA

P. O. Box 5006, Office 2104, 21 Floor, The Exchange Tower, Opp. JW Marriott Marquis Hotel, Business Bay, Dubai – United Arab Emirates

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