



SpECbuild MRA

MOULD RELEASE AGENT FOR CONCRETE

DESCRIPTION

A chemical treatment for concrete formwork to ensure quick, easy release.

TYPICAL USES

SpECbuild MRA can be applied to timber, steel and plastic-faced formwork.

SpECbuild MRA reacts chemically with the immediate surface layer of concrete ensuring quick and clean release from the concrete. The product is non-staining.

ADVANTAGES

- Improved release performance when compared to oils and emulsions
- Reduces the incidence of blowholes
- Economical - 40-70m² per litre
- Prevents rusting of steel moulds
- Produces good fair-faced concrete
- Reduces formwork-cleaning costs
- Non-staining property enables use in white cement

TECHNICAL DATA

Appearance	Pale yellow amber clear liquid
Specific gravity (ASTM D1475)	0.83 at 20°C
Chloride content (ASTM C1218)	Nil
Freezing Point	-10°C

APPLICATION

SpECbuild MRA should be sprayed on to the formwork using a knapsack spray unit. The nozzle of the spray head should be set to produce a fine, even mist.

On small sections of the formwork the product may

be applied using a fine-haired paint brush.

With both methods of application, it is essential that ponding is avoided and that any excess is removed with a dry cloth or sponge. The product should be applied before the first casting and between subsequent castings, preferably immediately after stripping and cleaning the mould but preferably as close to the next use of the formwork to avoid dust and airborne contaminants settling on the prepared formwork. Timber moulds will progressively improve in performance as they become impregnated with the release agent.

EQUIPMENT CLEANING

Equipment may be cleaned using SpECTite Cleaning Fluid.

PACKAGING & YIELD

200 litre drums
40-70m² per litre

STORAGE & SHELF LIFE

Store in the shade preferable in a covered store.

SpECbuild MRA has a shelf life in excess of 24 months if stored in dry, cool conditions.

HEALTH & SAFETY

SpECbuild MRA should not be allowed prolonged contact with the skin. Avoid contact with the eyes.

When applying in an enclosed environment provide adequate ventilation.

FLAMMABILITY

SpECbuild MRA is flammable.

FLASH POINT

SpECbuild MRA	65°C
SpECTite Cleaning Fluid	>40°C

Issue 6B: 05/2017

QA-054

Whilst the information and/or specifications given are, to the best of our knowledge, true and accurate, no warranty is given or implied in connection with any recommendations or suggestions made by us, our representatives, agents or distributors as the conditions of use and labour involved are beyond our control.

If it is proven that the product does not perform as described in our TDS, SpEC's liability extends solely to the free replacement of product, once the claim has been accepted after due investigation by SpEC. SpEC will not entertain any claims involving any form of consequential costs or damages such as shipping costs, custom duties, damages to third parties, damages to structures, penalties from delay of a project or any other form of consequential damage.

SPECIALITY ENGINEERING CHEMICALS

PO Box 61347, Dubai, United Arab Emirates. Telephone: +971 4 883 6662, Fax: +971 4 883 7696

E-mail: info@spec.ae

www.spec.ae