



BISEAL[®]

MRL

WATER-BASED DEMOULDING AGENT FOR ALL TYPE OF FORMWORK SURFACES

DESCRIPTION

BISEAL[®] MRL is a water-based emulsified oil, specifically designed for the de-moulding of concrete on all kind of formwork surfaces, with or without absorption, such as metal, plastic, wood, gypsum, etc.

APPLICATION FIELDS

- Easy de-moulding of concrete on wood or absorptive surfaces, with a perfect aesthetic finish.
- Removing of metal, plastic or other non-absorptive moulds from concrete, with any shape.
- All kind of structural concrete with high aesthetic finish.
- De-moulding for traditional timber work, flexible formworks, etc.

ADVANTAGES

- Easy de-moulding of the concrete element and cleaning of the formwork surface.
- Enhances the aesthetic finish of the concrete reducing greatly the appearance of honeycombs and surface defects.
- Very high non-stick and wetting effect on surface applied.
- Compatible with all kind of surfaces either absorptive or non-absorptive.
- Its great capacity to cover the surface eases the application preventing the adhesion of concrete.
- Solvent-free and non-flammable. Does not contain corrosive compounds for metal surfaces. Environmental friendly.

APPLICATION INSTRUCTIONS

Preparation of the substrate

The formwork surface must be dry, free from cement, powder, dust, oxide, etc. Remove any leftovers from previous de-mouldings, grease, rust or any other stain.

Application

The product is supplied ready to use, do not dilute with water. Previous to application, stir the content of the packaging manually with clean tool or mechanically with a slow speed drill (400 – 600 rpm) in order to get a homogeneous liquid.

Apply using a brush, roller or spray gun with a nozzle creating a homogeneous and continuous film until all the formwork surface is completely coated, in one or two coats.

Allow between 15 to 30 minutes before pouring the concrete.

CONSUMPTION

On wood or absorptive surfaces, apply one or two coats of **BISEAL[®] MRL** with an estimated consumption from 0,1 to 0,2 l/m² per coat.

On metal or non-absorptive surfaces, apply one or two coats of **BISEAL[®] MRL** with an estimated consumption from 0,05 to 0,1 l/m² per coat.

IMPORTANT INDICATIONS

- Excessive amounts may cause staining of the concrete. In such case, wash with water pressure after de-moulding.
- Protect application from sudden rainfalls.

- Do not add water or solvents to the product.
- Apply a homogeneous and continuous coat on the entire mould surface.

water but do not rub. If the irritation persists, consult a doctor.

SAFETY

- **BISEAL® MRL** is not a toxic product and solvent-free product, but during application protective gloves and glasses should be used. In case of skin contact, wash affected area with soap and water. In case of eye contact, rinse with abundant clean

PACKAGING

It is supplied in 25 litres can, 220 litres drum and 1000 litres container.

STORAGE

Twelve months in its original unopened container, in a dry covered place without direct sunlight, and with temperatures above 5°C.

TECHNICAL DATA

Characteristics	
Appearance	Milky Liquid
Color	White
Density at 20°C, (g/cm ³)	0,99 ± 0,05
Flammable point	Non-flammable
Corrosive compounds	None
Consumption* per coat	
Wood or other absorptive surfaces, (l/m ²)	0,1 - 0,2
Metal or other non- absorptive surfaces, (/m ²)	0,05 - 0,1

*Consumption may vary depending on type of substrate and application method. Perform a preliminary test on-site to determine the consumption exactly.

GUARANTEE

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BUREAU VERITAS
Certification



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