

MasterFinish[®] 235 J (Yapol[®])

Mineral Oil Based Form Release Agent Used for Obtaining Aesthetic Surface
TS 12453 Class 1, Type 2, Kind 2

Material Description

MasterFinish[®] 235 J is a ready-to-use water emulsion based on non-toxic, non-irritant, and mineral oils.

MasterFinish[®] 235 J has been specially formulated to give an easy and complete release of the concrete from the forms and a significantly improved quality of the concrete surface which is smooth, homogeneous and free of pin-holes.

Areas of Application

MasterFinish[®] 235 J may be applied on wood, metal, polyester or plywood molds, where excellent surface finish and optimum release are required.

Characteristics and Benefits

MasterFinish[®] 235 J gives an improved exposed surface of concrete economically by reducing the application time, quicker stripping, easier and faster cleaning of the forms and increased life of the formworks.

It is safe and eliminates many health and environmental risks as compared to the traditional form release and thus can be used with the maximum confidence by the workers on the job site.

- Enables easy stripping of form and reduces cleaning of form by reducing adhesion between form and concrete.
- Extends usage period of the form.
- Highly reduces holes and surface errors on concrete surface, enables obtaining aesthetic surfaces.
- Reduces corrosion risk on the form.
- Eliminates environment and health risks
- Does not cause stains or color differences on concrete surface.
- Suitable for steam cure.

Processing Method

MasterFinish[®] 235 J is a ready-to-use product that can be applied either by a sprayer, brush or a roller on any type of forms except rubber lined forms. The spray application of MasterFinish[®] 235 J should be carefully carried out in order to achieve a satisfactory coverage.

The spraying should be done at a suitable distance from the mold (approx. 50 - 100 cm) so that the release agent is evenly distributed in a uniform film thickness. During spraying, it is critical that the spraying pressure is adequately high (2 -4 bars) and that the gun, especially the nozzle is completely tight in order to avoid dripping.

When spraying with a portable handgun, a slit nozzle with a spraying angle from 65° to 80° has been found to give the best results.

Technical Properties

Structure of the Material	Mineral Oil Based
Appearance	White
Specific Gravity (20°C)	0.845 -0.875 kg/lt
pH Value	5 – 7,5
Flash Point	180°C
Viscosity (20°C)	50-95 cP

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Compatibility

MasterFinish[®] 235 J can be used with all types of forms except rubber lined forms. MasterFinish 235J must not be mixed with other products.

Dosage

The coverage of **MasterFinish[®] 235 J** depends upon the application method. If applied uniformly by a sprayer at a constant pressure of 4 bars on metallic or on impervious material the coverage rate is 40 m²/liter. When it is applied by roll, coverage rate is 25 m²/liter.

Packaging

MasterFinish[®] 235 J is available in 210 lt. barrels and 30 lt. canes.

Shelf Life

24 months if stored according to manufacturer's instructions in unopened container.

Storage

Store in original sealed containers and at temperatures between 5°C and 30°C. Store under cover, out of direct sunlight and protect from extremes of temperature. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

Health and Safety

For full information on Health and Safety matters regarding this product the relevant Health and Safety Data Sheet should be consulted.

The following general comments apply to all products.

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs, (which may also be tainted with vapor until the product is fully cured and dried). Treat splashes to eyes and skin immediately. If accidentally ingested, seek medical attention. Keep away from children and animals. Reseal containers after use.

Spillage

Chemical products can cause damage; clean spillage immediately.

Disclaimer

The technical information given in this publication is based on the present state of our best scientific and practical knowledge. **MBT Teknik Yapı Kimyasalları Sanayi ve Ticaret A.Ş.** is only responsible for the quality of the product **MBT Teknik Yapı Kimyasalları Sanayi ve Ticaret A.Ş.** is not responsible for results that may occur because the product is used other than advised and/or out of instructions regarding the place and the method of use. This technical form is valid only till a new version is implemented and nullifies the old ones.

Contact

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