



Product Code: 6382

NORDIC ECO FORM RM 85 Easily biodegradable release agent emulsion based on vegetable oils

NORDIC ECO FORM RM 85 is a ready-to-use water emulsion based on vegetable oil enabling the easy demolding of concrete and the production of clean, stain-free concrete surfaces. The use of NORDIC ECO FORM RM 85 prevents the formwork from being over-oiled with usual application quantities. If applied correctly, the adhesion of subsequent coats (e.g. plaster, paint) is not affected. The product is compatible with synthetic flexible & non-flexible formwork and expanded Polystyrene.

NORDIC ECO FORM RM 85 Ready-to-use emulsion for the construction site with normal requirements for the visible concrete surfaces. For absorbent and non-absorbent wooden formwork in rain-protected areas. Ideal to produce cement bonded pressboard and fiber reinforced cement panels on steel formwork. Ideal for oiling paver boards in the concrete block & paver industry. Can be diluted up to 1: 3 with water for this purpose. Due to its compatibility with flexible plastic moulds NORDIC ECO FORM RM 85 may be suitable for the manufacturing of wet cast elements. Performance tests are recommended

NORDIC ECO FORM RM 85 FEATURES AND BENEFITS NORDIC ECO FORM RM 85 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 agents based on mineral oils and thus can be used with the maximum confidence by the workers on the job site and in the precast plant.

1. Ready-to-use
2. Solvent-free
3. For excellent surface finish
4. For wet cast stone production
5. For normal or delayed stripping

APPLICATION NORDIC ECO FORM RM 85 is a ready-to-use product that can be applied particularly by a sprayer. Application by brush or roller is not recommended. The spray application should be carried out carefully in order to achieve a satisfactory coverage. Depending on the ambient conditions, it takes 15 to 25 minutes for the water in the emulsion to evaporate and a release agent film to be formed. The spraying should be done with a suitable distance from the mould (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 flat cone nozzle with a spraying angle from 65 to 80° has been found to give the best results. NORDIC ECO FORM RM 85 must not be mixed with other products.

COVERAGE The coverage of NORDIC ECO FORM RM 85 depends upon the application method. If applied uniformly by a sprayer at a constant pressure of 4 bar on metallic or on impervious material the coverage rate is 55 - 85 m²/liter.

PACKAGING NORDIC ECO FORM RM 85 is supplied in 20 liter cans, 200 liter drums and 1000 liter containers.

STORAGE NORDIC ECO FORM RM 85 should be stored in original sealed containers and at temperatures between 5°C and 40°C. If stored according to manufacturer's instructions, the shelf life is 6 months.

HANDLING AND TRANSPORTATION No special requirements must be observed during use. Protection gloves and glasses are however recommended. Do not eat, drink or smoke during the application. NORDIC ECO FORM RM 85 is non-flammable, nontoxic or irritant and is not subject to special transport requirements.

TECHNICAL DATA/TYPICAL PROPERTIES

Appearance	White liquid emulsion
Specific gravity @ 20°C	Approx. 0.98 g/cm ³
Form temperature	From 0°C up to 40°C
Viscosity @ 20°C	2 - 5 mPas
Pour point	-5

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