ECO FORMCAST

Ester Based Concrete Form & Mould Oil

PRODUCT CODE: V4302

DESCRIPTION

Verus ECO FORMCAST is a release agent used in the process of manufacturing concrete slabs and pre-stressed concrete. It is specially formulated with a vegetable-based ester and light mineral oil to ensure clean release from steel, aluminium, plywood or composite forms, ensuring a high-quality concrete surface finish. It is also designed for use in enclosed environments where a low odour and environmentally sensitive product is desired

FEATURES AND BENEFITS

- Application with spray systems, mop, roller or brush
- Excellent surface conditioning properties
- Designed to deliver clean concrete release
- Environmentally friendly and with low odour

HOW TO APPLY

Verus FORMCAST may be applied using spray system, roller or brush

- For some surfaces, application by using a roller is the preferred method. The oil is used for coating the walls and floors of rectangular moulds before pouring aerated concrete.
- Forms and moulds should be clean and reasonably dry for each pour and should be coated before the reinforcing steel is put in place.
- In large-scale production it is recommended that a spray method be used to apply the oil.
- It is recommended to only apply a light coating as excess from heavy coats are likely to run off and collect in the corners and other recesses of the mould and may permeate the concrete.
- When using a spray system to apply the oil, the spray lines must be regularly blown out and it is recommended that moisture traps be placed in the lines. Recommended application rate of 10 – 20ml/m^2.
- Recommended for application in temperatures above 5°C as product may become cloudy in low temperatures.

*** Note:** *If the reinforcing steel is accidentally coated with Mould oil, the steel may not bond to the concrete. Mould Oil on the reinforcing steel should be removed with kerosene or other similar solvents.*

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TECHNICAL DATA

CHARACTERISTIC	TEST METHOD	RESULT
Density 15 °C g/cm3	ASTM D7042	0.875
Viscosity @ 40°C cSt	ASTM D7042	7.3
Viscosity @ 100°C cSt	ASTM D7042	2.4
Flash Point °C	ASTM D92	>150

The information contained herein is subject to change without notification. Typical properties may vary slightly.

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