

CONCRETE

PRODUCT DATA SHEET

SM Form Oil

SM Form oil is a mineral oil based release agent for steel, wood and general formwork used in the wet precast and construction industry.

FEATURES

- Specially formulated for steel, wood and general formwork
- Can be used for steam curing
- Ready to use product
- Will not clog fine jets, even at freezing temperatures

BENEFITS

- Does not break down when exposed to high temperatures
- Reduces imperfections and surface damage
- Does not stain or affect the colour of the concrete
- Does not affect the adhesion of subsequent finishes and coatings
- Water repellent and not affected by rain
- Does not modify cement hydration

TECHNICAL INFORMATION

Parameter	Typical Value
Appearance	Opaque Light Brown Liquid
Specific Gravity	0.80 - 0.85
pH	5 - 7
Flash Point	168°C
Viscosity (@25°C)	11 seconds (Ford #4 cup)

The information presented above is true and accurate to the best of our knowledge. No warranty or guarantee, expressed or implied is made regarding the performance of the product. This information is not intended to be all-inclusive concerning handling, storage and use of the product. Health and other regulatory factors are the responsibility of the customer.

*For Industrial Use Only.
Not for internal consumption.
Consult SDS for safety and regulatory information.*

DIRECTIONS FOR USE

Before application

1. Formwork must be stripped and cleaned of concrete and oil deposits.
2. Any degreasing cleaning agent will facilitate the cleaning process.
3. Apply before concreting starts and reinforcement is fixed and as near as possible to the first concrete pour.
4. Usually applied with a high pressure oil sprayer, but is also applied with a rag, mop, paint roller, sponge or brush.
5. SM Form oil must be applied in a continuous film, as thinly as possible.

After application

1. All excess oil must be removed from the corners of the moulds and low lying mould surfaces where the oil collects, as this will retard the contact surface and create a residue on the mould surface in the above mentioned areas.
2. Formwork should be re-coated if casting is scheduled more than 2 days.
3. After the formwork has been used, SM Form Oil should be applied immediately to protect the formwork from mould or rust.

Coverage

Coverage depends on how much the mould absorbs and on the method of application. 30 m² per litre

Precautions

Avoid excessive application.

Prevent and remove excess dust from accumulating on the surface of the formwork.

PRODUCT PACKAGING

Available in 1000 litre IBCs, 210 litre drums and 25 litre jerry cans.

PRODUCT STORAGE AND SHELF LIFE

SM Form Oil has a shelf life of up to 24 months in original, unopened packaging. Will thicken in winter. Should the product freeze, it will recover its properties after thawing and agitating. Avoid storing in direct sunlight.

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