



FORMCRETE 3

CONCRETE MOLD RELEASE OIL

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Formcrete 3 is clear, light, non-staining, premixed special mold release agents to facilitate the removal of concrete from wood, metal, and other types of forms on a wide variety of concrete materials used in the construction and precast industries.

In service **Formcrete** offers the following benefits:

- ◆ Excellent mold release and surface finish
- ◆ Low odour
- ◆ Minimal build-up on forms
- ◆ Rust protection to metal forms
- ◆ Low viscosity for easy spray application and good coverage

Product Applications

Formcrete oils are designed to provide clean and easy separation of concrete from wood, and specifically metal and other forms.

Formcrete 3 is a chemically active form oil recommended for all types of forms where a smooth non-staining finish is required or where the finished concrete surface is to be painted or further treated. The special mold release agents contained in this product react chemically with the lime in wet concrete to form a waterproof chemical barrier between the concrete and the form. This barrier effectively separates the concrete from the form and makes form breaking much easier even for complicated shapes and structures.

Formcrete oils may be brushed on or sprayed using conventional spraying equipment. Typical coverage is 20-40 m²/l on wood forms and 40-80 m²/l on metal surfaces.

Product Maintenance and Handling

Formcrete oils are manufactured from high quality petroleum base stocks, carefully blended with selected additives. As with all petroleum products, good personal hygiene and careful handling should always be practiced. Avoid prolonged contact to skin, splashing into the eyes, ingestion or vapour inhalation. Please refer to the Material Safety Data Sheet for further information.

Note : This product is controlled under Canadian WHMIS legislation (combustible liquid).

Typical Properties

	Formcrete 3
Density @ 15°C, kg/m ³	840
Colour, ASTM	1.0
Pour Point, °C	-21
Flash Point, °C	132
Kinematic Viscosity, cSt @ 40°C	9.7

The typical properties shown above are representative of current production. Some are controlled by manufacturing and performance specifications while others are not. All may vary within modest ranges.