

MOULD OIL 904D

Oil Based Formwork Release Agent

GENERAL DESCRIPTION

AXEL MOULD OIL 904D is a high-grade blend of mineral oils and chemicals specially designed to promote a de-mould interface between both steel and timber formwork during concreting.

AXEL MOULD OIL 904D forms a very low surface tension on the formwork thus preventing the adhesion of the cement matrix to the formwork. It also provides a good rust protection on metal surface.

RECOMMENDED USES

Use as a chemical formwork release agent to concrete interface such as:

- * Metal formwork
- * Timber formwork
- * Plastic formwork
- * Aluminium formwork

CHARACTERISTICS & ADVANTAGES

- * Economical
- * Promote water repellency
- * Easy to use
- * Non-staining
- * Can be used on all types of formwork
- * Reduce corrosion on steel formworks

COVERAGE

Approximately 20 m²/litre depending on substrate condition

COLOURS

Yellowish brown (Amber)

PACKING

200 litre per drum

STORAGE

Store in a dry, cool and shaded place.



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SURFACE PREPARATIONS

Ensure that all surfaces to be coated must be clean and free from dust, dirt, grease and contaminations.

METHOD OF APPLICATION

Preferably by low pressure sprayer which will permit the quoted rates of spread to be obtained. Brush applicant may also be used but the material should be well brushed out to obtain the most economical and effective results. Formwork should be treated before being erected, thus avoiding the dust and other contamination of reinforcement. Should reinforcement become coated with **AXEL MOULD OIL 904D** by accident, it should be painted with a cement slurry to react with the **AXEL MOULD OIL 904D** and this slurry should be brushed off immediately before the concrete is poured. **AXEL MOULD OIL 904D** should be applied to the formwork prior to each use, it should be given at least 5 to 10 minutes to penetrate the surface before concrete or the brick. Timber forms can be protected and sealed with **AXEL MOULD OIL 904D** enabling re-use many times without deterioration. Ensure **AXEL FORMGUM 921** is fully cured before applying **AXEL MOULD OIL 904D**.

CLEANING OF TOOLS

Clean all tools and application equipment with detergent solution immediately after use. Hardened or cured material can only be mechanically removed.

TECHNICAL SPECIFICATIONS

No. of components	One
Density @ 15°C	0.862 g/ml ASTM D4052 conducted by SIRIM
Dilution	Not required
Flash point (Cleveland open cup)	180°C ASTM D92 conducted by SIRIM
Kinematics viscosity @ 40°C	18.76 mm ² /s ASTM D7042 conducted by SIRIM
Recoating	Recoat after exposure to hot weather / heavy rain condition for longer period.

SHELF LIFE

12 months from the date of production if stored properly in original, unopened and undamaged sealed packaging in dry conditions.

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