



# GP

GENERAL PETROLEUM

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## Product Data Sheet (PDS)



# GP INGEN SHUTTERS & MOULD OIL

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GP INGEN SHUTTERS & MOULD OIL is oil-based concrete release agent that provides exceptional release properties. It does not contain any solvent, thus improve operation safety and no unpleasant odor. It does not contain waxes and will not cause staining to the concrete. An effective corrosion inhibitor is incorporated to protect metal form from corrosion.

GP INGEN SHUTTERS & MOULD OIL can be applied by sprayer, brush, roller or dipping. It spreads and forms a film on the surface that covers 100% of the exposed form area providing uniform release, avoids heavy build-up and uncovered areas. Residual concrete dust can be wiped off with a rag or water washed to a clean surface. This increasing the forms useful life and decreases labor and maintenance costs.

## **BENEFITS:**

- Non-staining
- No separation, typical of traditional emulsion releases
- Excellent release performance for aluminum and metal forms
- Will not deteriorate or damage surface
- Minimum labor - just spray, brush, roll or dip forms
- Reduces surface preparation and painting costs

## **APPLICATIONS & PREPARATIONS:**

Forms surfaces should be cleaned before applying Ingen Shutters & Mould oil. Remove previous build up of concrete, rust, scale and dirt, and repair any holes or fractures from previous use before applying. Ingen Shutters & Mould oil is ready to use direct from its container. Do not dilute. It may be applied by brush, roller, spray or dipping on forms immediately before pouring concrete. However, because Ingen Shutters & Mould oil or any other form release agent must be kept off reinforcing steel and any other embedment, spray application must be done with care when forms and steel are already in place. An alternative is to coat forms with Ingen Shutters & Mould oil just prior to erection of rebar steel.

**TECHNICAL DATA**

Sr. No	Characteristics	Test Method	Results
01	Appearance	VISUAL	B & C
02	Density @ 15 C, g/ml	ASTM D-4052	0.90
03	Viscosity @ 40 C, cSt	ASTM D-445	298.92
04	Viscosity @ 100 C, cSt	ASTM D-445	22.10
05	Viscosity Index	ASTM D-2270	90
06	Flash Point, COC, C	ASTM D-92	256
07	Pour Point, C	ASTM D-97	-6

**Health and Safety:**

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application, following the recommendations provided in the Material Safety Data Sheet (MSDS). MSDSs are available upon request. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly.