



## 8060

### Metal Mold Release Agent

**Description:** A plywood and metal mold release agent that allows the mold to be separated easily from the concrete surface. It is obtained by mixing of aliphatic, natural esters and other performance increasing additives, and provides a smooth and a spotless surface.

**Application Areas:** Steel mold systems, Plywood mold systems, Polyester mold systems, Tunnel formwork systems, Precast, sliding mold surfaces.

**Advantages:**

- Ready-to-use.
- Easy-to-apply.
- Allows the mold to be easily and quickly dismantled.
- Reduces mold costs and related labor costs significantly.
- Increases the efficiency and extends the life of the mold.
- Enables the removal of air bubbles from the concrete.
- Provides a smooth and spotless concrete surface.
- Minimizes the need for cleaning during repeated uses of the molds.
- Since it does not leave any residues, does not cause any clogging in the spraying equipment.

**Preparation of the Surface:** Before the application of metal mold release agent, the mold surface should be clean. Mold surface must be clear of concrete, wooden, iron parts, snow and ice.

**Mixture:** Metal mold release agent is ready to use. Also, no water (solvent, etc.) should be added in the product. Shake before use.

**Application Information:** In order to obtain the best result, metal mold release agent has to be sprayed or applied with a roller homogeneously as a thin layer on the mold. Accumulation of the

material on the surface must be prevented and the material has to be spread on the surface uniformly. Optimum amount to be used should be determined by trial with spraying applications.

**Consumption:** Varies depending on the type of the mold; 1 L of metal mold release agent lubricates about 17 - 26 m<sup>2</sup> of mold surface when applied with a roller, and 35 - 43 m<sup>2</sup> when sprayed with a pressurized pump.

**Caution:** Make sure that the mold surfaces are cleaned thoroughly before the application. Accumulation on the mold surface should be prevented. Mold surfaces must be protected from rain after the application, until concrete casting.

**Packaging:** 30 kg plastic drums

**Shelf Life:** Unopened packages can be stored in cool and dry environments for 12 months. Shake well before use. Protect it against frost.

**Health and Safety:** As with all chemical products, contact with food, skin, eyes and mouth should be avoided during usage and storing. In case of contact with skin, rinse immediately with water and soap, if swallowed by accident, consult a doctor. During application, work clothes, protective gloves and glasses and masks that are in conformity with work and worker health regulations must be used. No food or drinks should be allowed to application areas. Do not approach storages and application areas with fire. The application areas have to be ventilated. Keep out of reach of children.

**Technical Properties**

Appearance	: Dark brown liquid
Liquid Density	: 0,86 ± 0,02 kg/l (20°C)
Kinematic Viscosity	: 15 - 20 cSt (+40°C)
Application Temperature	: ≥ 5°C

Application instructions and technical data provided for the products are obtained in line with our experience and the tests we implemented according to international standards under ambient temperatures of 23 ± 2 °C and ambient relative humidity conditions of 50% ± 5. Higher temperatures decrease the times and lower temperatures increase them.

