

Shield Easymold S

Solvent-based Release Agent for Formworks and Molds



MICSHIELD®

Description

Shield Easymold S is a ready-to-use, solvent-based, mold release agent, designed to prevent the adhesion of the cement matrix to formworks in order to achieve a fair-faced and stain-free concrete surface with a good finish.

Uses

- Improving concrete appearance as well as durability.
- Used for different types of formworks such as wood, plywood, and steel.
- Provides easy cleaning, stripping, and durability of formworks.
- For strong release performance.

Typical Properties

Color	Yellow
Appearance	Liquid
Specific Gravity @25 °C	0.80 – 0.85
Drying Time	10 - 15 min / hot conditions 1 – 2 hrs / cold conditions
Shelf Life	12 months in original unopened containers

Characteristics / Advantages

- Economical and ready to use.
- Produces fair-faced concrete finish.
- Fast drying.
- Excellent wetting characteristics.
- Reduces damage to concrete surface and molds.
- Prevents concrete elements from sticking to the molds.
- Reduces the possibility of bug holes/ blowholes formation.
- Reduces the possibility of damage to formwork and extends its lifetime.
- Adheres well to all wooden or plywood surfaces as well as to synthetic or steel formworks.

Coverage

30 – 45 m² per liter for porous substrates.
45 – 60 m² per liter for non-porous substrates.

Packaging

Shield Easymold S is supplied in 5- and 20-liter plastic drums.

Shelf Life and Storage

Shield Easymold S has a shelf life of 12 months when stored in its original unopened packaging in cool and dry conditions, protected from direct sunlight, heat, and moisture.

Shelf life may be reduced if the recommended storage conditions are not followed.

Safety Instructions

Avoid contact with the eyes and skin. In case of direct contact with the skin, wash the affected area immediately with water for several minutes. If it comes into contact with the eyes, rinse immediately with lukewarm water for at least 15 minutes and get medical advice or treatment if any emergency warning signs appear. For further information, refer to the Material Safety Data Sheet.



Application Instructions

1. Surface Preparation

Formworks must be sound and clean from dust, oils, dirt, grease, or any contaminants.

2. Application

Shield Easymold S should be stirred using a slow-speed drill and can be applied using a low-pressure sprayer or a brush. Spray the material on a continuous film. After application, avoid spraying over the coated surface until evaporation.

Don't over-apply the product on the formwork as it may cause staining and the excessive material should be allowed to drain before using the formwork.

For the best results, apply the product at least 2 hours before using the shutter. Touch-up coats may be needed if areas with poor release are noticed. It is recommended to use **Shield Easymold S** in well-ventilated areas.

3. Cleaning

Tools should be cleaned with **Shieldsolvent 75**. Hardened material should be removed mechanically.

Limitations

- Do not over-apply the product.
- Allow the product to dry before using the formwork.
- **Shield Easymold S** is a flammable material and must be applied in well-ventilated areas.
- Store in dry conditions, away from exposure to direct sunlight.

Technical Support

Refer to technical information, method statement, or technical support team for any inquiry.

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