

# TECHNICAL DATA SHEET

## MMG-SEALER

### Product Description:

MMG-SEALER is designed as a MMG-SEALER for glass reinforced polyester (gel coated or non gel coated GRP), vinyl ester, epoxy or metal moulds. MMG-SEALER is an advanced polymeric resin in an organic solvent blend. The resin both seals micro porosity and fills minor scratches on the mould surface resulting in a smooth, high gloss surface primed for top-coat application. MMG-SEALER is especially recommended for use on new moulds and repaired areas on older moulds.

### Product Benefits:

- Efficient MMG-SEALER and primer
- Easy application
- Enhances mould gloss (see application details for appropriate coating technique)
- Low odour
- Minimal mould build-up
- Versatile, can be used on all mould surfaces
- Durable; provides semi-permanent base-coat for mould release agent

### Physical Properties:

Appearance	-	Clear, colourless liquid
Odour	-	Hydrocarbon
Specific Gravity	-	0.743 g/cc
Flash Point	-	>24°C
Solvents	-	Aliphatic hydrocarbon
Coverage	-	80 - 100m <sup>2</sup> / L per coat
Shelf life	-	One year
Storage	-	Flammable store (see Safety Data Sheet for further details).

### Note:

The polymeric resin used in MMG-SEALER reacts with moisture. Please ensure can is resealed after use. MMG-SEALER is supplied ready to use, no shaking or mixing is required. Do not mix with other products or solvents.

### Application:

Please read Safety Data Sheet before use.

If necessary, polish mould to desired level of gloss. MMG-SEALER should only be applied to clean and dry mould surfaces. If a wax or silicone based release agent has been used previously, remove all traces of previous product using a solvent based cleaner such as Mould Cleaner. Mould cleaning and MMG-SEALER application should be performed in a well-ventilated area.

1. Apply MMG-SEALER to clean, dry cotton cloth.
2. Gently wipe over mould surface covering an area of approximately 0.5-1m<sup>2</sup>.
3. Wait 10-20 seconds (until the edges of the wet film start to dry). Using a second dry cotton cloth gently spread the wet film. Do NOT wipe dry. Vigorous rubbing or polishing is not required.
4. Repeat until mould is completely coated. Ensure each application area overlaps the last to ensure complete coverage.
5. Allow at least 10 minutes to cure between coats.
6. Repeat Steps 1-5 above for a further coat (2 in total).
7. Allow final film to cure for at least 30 minutes at room temperature before applying Marbocote top-coat. Allowing a longer cure or heat curing (e.g. 10 min at 60°C) will improve film durability.

### Top-coat:

MMG-SEALER can be used a sealer and primer for any Marbocote top-coat, e.g. Marbocote CMR, 221, 220, 75CEE and 75ECO. See the specific technical data sheet for application information.

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