

## Technical data sheet

# Marbocote® GRP Mould sealer

### Product description:

**Marbocote® GRP mould sealer** is determined for sealing mould surfaces of FRP (polyester, epoxy, vinylester) or also of metal. **Marbocote® GRP mould sealer** is a polymer resin solution in a mixture of organic separating agents.

On the one side, it seals microporous surfaces, on the other side also small scratches on the mould surface. The result is a smooth, high glossy surface, suitable to absorb further separating agent coatings.

**Marbocote® GRP mould sealer** is recommended for new moulds – which normally still have micro pores – as well as for repair of used moulds (scratches a.s.o.).

### Product advantages:

- effective mould sealing
- easy application
- improves mould gloss
- low smell
- minimum mould set up
- applicable on all mould surfaces

### Physical characteristics:

Appearance	- clear liquid
Smell	- weak
Density	- 0.80 g/cc
Separating agent	- aliphatical, aromatically carbon hydrides
Burning point	- 40 °C
Coverage	- 20 – 25 m <sup>2</sup> / liter
Shelf life	- 12 months
Storage	- flameproof warehouse

### Note:

The polymer resin in **Marbocote® GRP mould sealer** reacts with air moisture.

Please close the containers after use. **Marbocote® GRP mould sealer** is delivered ready for use, no shaking or mixing necessary.

## Use instructions :

Please read the safety data sheet before use. If necessary polish the mould till the requested gloss grade. If one used before a waxy or silicone containing separating agent, please remove the traces of this separating agent with the help of a solvent based cleaner, we recommend Marbocote mould cleaner

**Marbocote® GRP mould sealer** can be applied over other semi-permanent separating agents without removing them before. In spite of this, the mould should be clean and dry before application.

## Working steps:

1. Apply **Marbocote® GRP mould sealer** with a clean, dry cotton fabric.
2. Wipe the wet fabric over the mould surface, about a space of 0,5 m<sup>2</sup>. Intensive rubbing or polishing isn't necessary.
3. If **no** glossy surface is requested go to step 4.
4. If a high glossy surface is requested e.g. for FRP moulded part production, take a second dry cotton fabric and wipe dry **softly** the moist surface. As soon as it is dry go to the bordering spaces. Intensive rubbing or polishing isn't necessary.
5. Repeat these steps till the complete mould is coated entirely. Please take care that the worked spaces overlap very well, to exclude defects.
6. After applying please wait about 15 minutes till the layer hardened under influence of air moisture.
7. Repeat these steps (1-5) for further 2 coatings (totally 3).
8. After drying wait at least 30 minutes at room temperature before applying further separating agent coatings.

## Separating agent coatings:

The mould sealer can be used as primer for each other Marbocote separating agent, like e.g. 75 ECO, 625 X ECO and many others – see the referring data sheets.

## Packaging:

- 1 liter can
- 5 liter can

All information contained in this data sheet are based on our technical and scientific knowledge, but buyer and user should make their own trials with our products under their own use conditions.