

Product Description:

Marbocote[®] GRP ECO is designed to release gelcoated glass reinforced polyester (GRP) or vinyl ester parts from gelcoated molds. Marbocote GRP ECO is an advanced polymeric resin in a non-chlorinated organic solvent blend. Marbocote GRP ECO is ideally suited for high gloss applications. The product is easy and quick to apply and produces a high gloss durable finish capable of giving many releases before re-application is necessary.

Product Benefits:

- Easy application
- Non contaminating
- Non-chlorinated, ECOlogically friendly solvents
- Low odor
- Minimal mold build-up
- Superior gloss retention
- Durable; provides multiple releases per application

Physical Properties:

Appearance	- Clear, colourless liquid
Odour	- Hydrocarbon
Specific Gravity	- 0.762 g/cc
Flash Point	- >24°C
Solvents	- Aliphatic hydrocarbon
Coverage	- 20 - 25m ² / L
Shelf life	- One year
Storage	- Flammable store (see Safety Data Sheet for further details).

Note:

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

For new, porous or damaged molds, Marbocote RS415 ECO should be used prior to applying the Marbocote GRP ECO. See Marbocote RS415 ECO technical data sheet for application details.

Application:

Please read Safety Data Sheet before use.

If necessary, polish mold to desired level of gloss. If a wax or silicone based release agent has been used previously, remove all traces of previous product using an solvent based cleaner such as Marbocote Mold Cleaner. Marbocote GRP ECO can be applied over existing semi-permanent release agents without a further cleaning step. However, the mold should be clean and dry before use. Mold cleaning and release agent application should be performed in a well-ventilated area.

1. Apply Marbocote GRP ECO to clean, dry cotton cloth.
2. Gently wipe over mold surface covering an area of approximately 3 sq/ft. Vigorous rubbing or polishing is not required.
3. With a second dry cotton cloth, gently wipe over the wet coating to leave a thin wet film. Do not wipe until dry. Vigorous rubbing or polishing is not required.
4. Repeat steps 1 to 3 on the adjacent area. Ensure a good overlap with the previous area to provide complete coverage.
5. Repeat until mold is completely coated.
6. When dry, allow a further 15 minutes between coats for the film to cure.
7. Repeat Steps 1-6 above for a further 3 coats (4 in total).
8. When dry, allow final film to cure for at least 30 minutes at room temperature before molding. Allowing a longer cure or heat curing (e.g. 15 min at 60°C) will improve film durability.

Reapplication:

When release becomes hesitant, reapply one coat of Marbocote GRP ECO in the same manner as described above.

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Note: The user will determine the suitability for use of this product. The recommendations / data given above are based on information we believe to be accurate. They are intended to be used only as a guide for selection for end-use evaluation and do not constitute a product specification. Marbocote cannot assume responsibility for results obtained by use of this product as we have no control over end-use applications or handling. Marbocote therefore specifically disclaims any damage or loss of any kind in relation to the use of this product.