

Product Description:

Marbocote[®] TRE 45 ECO is designed as a mold release agent for epoxy, polyester, vinyl ester, phenolic and other thermosetting resins. Marbocote TRE 45 ECO is an advanced polymeric resin in a non-chlorinated organic solvent blend. The Marbocote TRE 45 ECO provides a durable film capable of giving many releases per application and will not contaminate the released surface.

Product Benefits:

- Aerospace Specified Product *
- Easy application
- Non contaminating
- Non-chlorinated, ECOlogically friendly solvents
- Low odor
- Minimal mold build-up
- Versatile, can be used on all mold surfaces
- 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 TRE 45 ECO reacts with moisture. Please ensure can is resealed after use. Marbocote TRE 45 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 TRE 45 ECO. See RS415 ECO technical data sheet for application details.

* Please call number below for further details

Application:

Please read Safety Data Sheet before use.

If necessary, polish mould 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 TRE 45 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 TRE 45 ECO to clean, dry cotton cloth.
2. Gently wipe over mold surface covering an area of approximately 0.5m². Vigorous rubbing or polishing is not required.
3. Repeat steps 1 and 2 on the adjacent area. Ensure a good overlap with the previous area to provide complete coverage.
4. Repeat until mold is completely coated.
5. When dry, allow a further 15 minutes between coats for the film to cure.
6. Repeat Steps 1-5 above for a further 3 coats (4 in total).
7. When dry, allow final film to cure for at least 30 minutes at room temperature before moulding. 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 TRE 45 ECO in the same manner as described above.

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.