

TECHNICAL DATA SHEET

TRE75 ECO MOULD RELEASE AGENT

Product Description:

Marbocote® TRE75 ECO is designed to release epoxy, polyester, vinyl ester, phenolic and other thermosetting resins. Marbocote TRE75 ECO is an advanced polymeric resin in a non-chlorinated organic solvent blend. The Marbocote TRE75 ECO provides a durable film capable of giving many releases per application and will not contaminate the released surface.

Product Benefits:

- Easy application
- Non contaminating
- Non-chlorinated, Ecologically friendly solvents
- Low odour
- Minimal mould build-up
- Versatile, can be used on all mould 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 TRE75 ECO reacts with moisture. Please ensure can is resealed after use. Marbocote TRE75 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 moulds, Marbocote RS415 ECO should be used prior to applying the Marbocote TRE75 ECO. See Marbocote RS415 ECO technical data sheet for application details.

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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 Mould Cleaner. Marbocote TRE75 ECO can be applied over existing semi-permanent release agents without a further cleaning step. However, the mould should be clean and dry before use. Mould cleaning and release agent application should be performed in a well ventilated area.

1. Apply Marbocote TRE75 ECO to clean, dry cotton cloth.
2. Gently wipe over mould 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 mould 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 TRE75 ECO in the same manner as described above.

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