

TEK-KOTE KoverTek Semi Permanent Release agent range

Mould Sealer

Product Description: Tek-Kote Mould Sealer is an advanced polymeric resin in an organic solvent blend. The resin seals micro porosity and fills minor scratches on the mould surface resulting in a smooth, high gloss surface primed for Tek-Kote top-coat application.

Recommended Uses: Tek-Kote Mould Sealer is especially recommended for use on new moulds and repaired areas on older moulds. Tek-Kote Mould Sealer can be applied on all types of glass reinforced polyester (gel coated or non-gel coated GRP), vinyl ester, epoxy or metal moulds.

Product Benefits:

Quick and easy application
Efficient mould sealer and primer
Enhances mould gloss
Low odour
Minimal mould build-up
Versatile, can be used on all mould surfaces
Durable, provides multiple releases per application

Product Spec:

Appearance	Clear colourless liquid
Composition	Aliphatic hydrocarbon
Flash Point	<10°C
Thermal stability of cured film	250°C
Coverage	80 - 100 m ² / L per coat
Application Type	Wipe and spread
Shelf Life	12 months



Important: The polymeric resin used in Tek-Kote Mould Sealer reacts with moisture. Please ensure can is resealed after use.

Please read Safety Data Sheet before use. Do not mix with other products or solvents. Application should be conducted in a well-ventilated area. Solvent resistant gloves and eye protection must be worn during this process.

Mould Cleaning: This needs to be performed prior to product application

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 Tek-Kote Mould Cleaner. Tek-Kote Mould Sealer can be applied over existing semi-permanent release agents without a further cleaning step. The mould must be clean and dry before use.

Application Type: Tek-Kote Mould Sealer is applied by a wipe and spread technique.

The choice of cloth is important; as the Tek-Kote Mould Sealer resin reacts with water, the cloth must be dry. A smooth, soft cloth with a high synthetic content, such as Kimberley-Clark Wypall X60 is ideal.

Temp (°C)	Cure Time
Room temp (20°C)	30 minutes
60°C	10 minutes

Wipe Application Technique:

- 1) Apply Tek-Kote Mould Sealer to a clean, dry cotton cloth.
- 2) Gently wipe over mould surface covering an area of approximately 0.5-1m².
- 3) Wait for 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 the mould is completely coated. Ensure a good overlap with the previous area to provide complete coverage.
- 5) Allow at least 10 minutes between coats for the film to cure.
- 6) Repeat Steps 1-5 above for a further coat (2 in total).
- 7) The final film needs to be cured before applying Tek-Kote top-coat. See table below.

Release agent: Tek-Kote Mould Sealer can be used as a sealer and primer for any Tek-Kote release agent. See the specific technical data sheet for application information.

NB: The advice and information given in this data sheet is given freely and in good faith and is based upon data that we believe is reliable. The data herein is based on extensive laboratory testing and experience, but we cannot test for every eventuality. It is the customers Responsibility to ensure that the product is fit for their intended purpose. KoverTek cannot guarantee anything but the quality of the product and cannot be held responsible for results obtained.