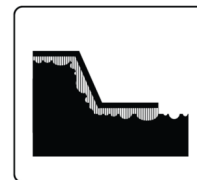




Zyvax® Sealer 1050

Mold Sealer



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Description

Zyvax® Sealer 1050 is a solvent-based semi-permanent sealer for the advanced composites industry which affords easy application in one step using a wipe-on, let-dry method. Zyvax® Sealer 1050 is designed to treat both the chemical and physical bonding sites found on every “raw” mold surface. In addition, Zyvax® Sealer 1050 provides the base needed to extend the life of the release coating and will allow optimal performance.

Mold Preparation

1. Tool surfaces should be thoroughly cleaned to remove all resin build-up, wax, oils, sealers, and other release agents.
2. Perform a final cleaning of the tool using an appropriate Zyvax® mold cleaner.
3. If the mold is composite or polymeric, treat with a Zyvax® mold primer.

Application Instructions

1. Dampen an approved cloth with Zyvax® Sealer 1050 sealer and apply a light and even coat to the entire tool surface ensuring slight overlaps between wipes to ensure full coverage.
2. As a guide to achieving a “light coat”, the wet film should shine, but there should be no runs when applied to a vertical surface.
3. Continue working across the tool until the entire surface has been coated.
4. Allow the sealer to cure for a minimum of 15 minutes prior to applying additional coats.
5. Using the same method, apply additional coats as necessary for a total of 2 - 4 coats.
6. Allow the sealer to cure for a minimum of 30 minutes after the final coat has been applied before applying the appropriate release agent.

Important

The recommended number of coats and cure times are a general guideline found to be more than sufficient in a broad spectrum of molding conditions. When molding products with extreme geometries or experiencing low-humidity conditions in the shop, the customer may find the need to extend the cure time between coats and increase the number of coats applied to the mold. The efficiency of a release film is best determined through a combination of tape tests and experimentation.

Storage

Do not store at temperatures above 49°C/120°F. Keep container tightly sealed to prevent evaporation and/or contamination. If stored in cold temperatures allow warming to room temperature before using.

Packaging

Zyvax® Sealer 1050 is available in a variety of package sizes. Please contact Chem-Trend customer service for details.

Safety Data

Safety Data Sheets are available for all products and should be consulted prior to use of the product.

Further Information

Request information on our complete range of materials: custom-formulated release agents for polyurethane molding; tire lubes and bladder coatings; Mono-Coat® semi-permanent release coatings; aerosol formulations; mold cleaners and sealers; specialized coatings and application equipment.

While the technical information and suggestions for use contained herein are believed to be accurate and reliable, nothing stated in this bulletin is to be taken as a warranty either expressed or implied.