

Zyvax[®] Sealer 1028W

Water-Based Mold Sealer

Description

Zyvax[®] Sealer 1028W is a high performance water-based sealer for use in aerospace composite molding. It has been developed to condition and seal mold surfaces, providing a base for the appropriate Zyvox[®] release agent.

Mold Preparation

Thoroughly clean the mold with the appropriate Zyvox[®] mold cleaner to remove the previous release agent or other contamination. Wipe dry with a clean cloth.

Application

Spray On Method

To pre-treat or condition a clean mold, use conventional air spray equipment and hold the spray tip 4-10"/10-25 cm from the mold surface. Apply at least two to three, light, even coats; allowing 15 minutes between each coat. As a guide to achieving a "light coat", when the film is applied to a VERTICAL mold surface, the wet film should shine, but there should be no runs in it. Runs in the film indicate too heavy an application. When the product has been applied in this way, at room temperature, allow at least 60 minutes for the product to cure before the release agent is applied to the mold. This time can be reduced if the mold temperature is elevated.

Wipe On Method

Wipe on a wet film and continue to re-wipe the film until it dries evenly. If left to dry without re-wiping, the film will bead up. Wipe application is best suited to non-cosmetic parts. Apply at least two to three, light, even coats; allowing 30 minutes between each coat. As a guide to achieving a "light coat", when the film is applied to a VERTICAL mold surface, the wet film should shine, but there should be no runs in it. Runs in the film indicate too heavy an application. When the product has been applied in this way, at room temperature, allow at least 60 minutes for the product to cure before the release agent is applied to the mold. This time can be reduced if the mold temperature is elevated.

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

Store at temperatures between 5°C/40°F and 38°C/100°F. Keep container tightly sealed to prevent evaporation and/or contamination. If stored in cold temperatures allow to warm to room temperature before using. Do not allow to freeze.

Handling

We believe Zyvox[®] Sealer 1028W has a low degree of hazard when used as intended.

For more information, request a copy of Chem-Trend's Safety Data Sheet.

Packaging

Zyvax[®] Sealer 1028W is available in a variety of package sizes. Please contact Chem-Trend customer service for details.

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.

Edition: 04.June 2015

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.