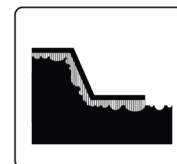




Chemlease® Sealer 2766W

Water-Based Sealer



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Description

Chemlease® Sealer 2766W is a water-based sealer designed to treat both the chemical and physical bonding sites found on every mold surface.

Chemlease® Sealer 2766W delivers a durable film with superior abrasion resistance. Chemlease® Sealer 2766W eliminates the break-in time for new molds and reduces mold down time by extending the number of releases between cleaning cycles.

When applied in conjunction with the appropriate semi-permanent release agent, Chemlease® Sealer 2766W provides multiple, effortless releases.

Uses

Chemlease® Sealer 2766W was specifically developed for sealing composite molds with and without tooling gel coat. Chemlease® Sealer 2766W may also be used for machined composite mold and metallic mold substrates. Chemlease® Sealer 2766W is suitable for virtually all manufacturing processes used in molding composite structures.

Application

The mold should first be properly cleaned using the appropriate mold cleaner according its product data sheet. If the mold is extremely porous, such as with tooling boards or 3D printed substrates, use of the appropriate mold primer is also suggested.

1. Lightly mist the mold surface with a hand-sprayer or spray-mop for large mold surfaces. Then wipe the droplets into a continuous film using a clean cloth.
2. Before the sealer coating dries, wipe with a second clean, dry cloth to thin the film and aid with carrier evaporation. Replace cloths as needed to ensure adequate absorption and drying.
3. Repeat in the same manner in rows/sections, overlapping slightly to ensure full coverage of the mold.
4. Let cure for 15 minutes between coats.
5. Apply 1 - 3 more coats of Chemlease® Sealer 2766W in the same manner for a total of 2 - 4 coats.
6. After the final coat, allow to cure for a minimum of 60 minutes at room temperature before applying release agent. For best performance, it is recommended to

bake the coating at 100°C for a minimum of 15 minutes once reaching that temperature.

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 product between 5°C and 30°C (41°F and 86°F).

Keep from freezing.

Keep container tightly sealed to prevent evaporation and/or contamination. If stored in cold temperatures, allow to warm to room temperature before using.

Packaging

Chemlease® Sealer 2766W is available in a variety of package sizes. Please contact Chem-Trend customer service for details.

Handling

We believe Chemlease® Sealer 2766W is a low degree of hazard when used as intended. For more information, request a copy of the Safety Data Sheet.

Further Information

Request information on our complete range of materials for this industry.

Legal Notice

The technical information and suggestions for use contained herein is based on our general experience and knowledge at the time of publication and is intended to give information of possible applications to a professional with technical experience. It does not release the customer from the obligation of performing own tests with the product selected for a specific application. While the information and suggestions are believed to be accurate and reliable, nothing stated in this bulletin is to be taken as a warranty either expressed or implied.