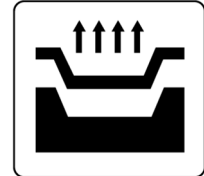




Chemlease® 2211W

Water-Based, Semi-Permanent Release Agent



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Description

Chemlease® 2211W is a water-based, semi-permanent release agent specifically formulated to meet the high performance requirements of the wind industry by providing consistent, effortless and multiple releases of composites parts. Chemlease® 2211W is easy to apply and environmentally preferred.

Benefits

- Multiple releases
- Low build-up on mould
- Fast and simple application by spraying or wiping
- Easy recoat / touch-up
- Low odor - water-based
- Non-flammable

Uses

Chemlease® 2211W was specifically developed for releasing gel coats, infusion resins and prepreps often used in the composites industry.

This includes epoxy, polyester, vinyl ester, urethane and acrylic-based resins released from moulds with and without tooling gel coat. Chemlease® 2211W is suitable for virtually all manufacturing processes used in moulding composite structures.

Application Instructions for Base Coats

The mould should first be properly sealed using the appropriate mould sealer according its product data sheet.

1. Lightly mist the mould surface with a hand-sprayer or spray-mop for large mould surfaces. Then wipe the droplets into a continuous film using a clean cloth.
2. Before the release 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 mould.
4. Let cure for 15 minutes between coats.
5. Apply 1 - 3 more coats of Chemlease® 2211W in the same manner for a total of 2 - 4 coats. Allow the final coat

to cure for a minimum of 30 minutes before applying gel coat, layup or moulding.

6. When maintenance coats of release agent are needed, apply 1 - 2 coats of Chemlease® 2211W in the same manner as described above.

Important

The recommended number of coats and cure times are a general guideline found to be more than sufficient in a broad spectrum of moulding conditions. When moulding 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 mould. 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® 2211W is available in a variety of package sizes. Please contact Chem-Trend customer service for details.

Safety Data

We believe Chemlease® 2211W 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

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