

MOLD WIZ MWM FILM RELEASE AGENT

PRODUCT DESCRIPTION

A film forming matte finish release agent and barrier coat that dries at room temperature and imparts a permanent, non-transferring matte finish to the molded parts. For use on all types of molds. **Mold Wiz MWM Film Release Agent** is a sacrificial release that must be applied before each part is molded.

HANDLING

MIX OR SHAKE WELL PRIOR TO USE. PERIODICALLY AGITATE DURING USE.
Keep container closed when not in use.
Store above freezing and below 100 °F / 38 °C.
DO NOT DILUTE.

FEATURES

Temporary creation of a matte surface.
Easy release for many types of resin.
Easy to remove from molds after use.

USE

Ideal for open molding, such as sink or counter applications that require occasional matte finish parts from glossy FRP molds. polyester, vinyl ester and other resins.

NEW OR GREEN MOLDS

Should be conditioned prior to using MWM for production

TYPICAL PROPERTIES

Solids	Approx. 10 %
Colour	Milky white
Specific Gravity	1.01@25 °C
Flash point	<73 °F / <23 °C (C.O.C.)
pH	9.75
Flash point	Non-flammable
Shelf Life	1 year minimum in original closed container

MOLD PREPARATION

New & Green FRP Molds:
Read AXEL publication FocusOn New & Green Molds.
Conditioned & Metal Molds:
Mold surfaces should be clean and free of previously used mold releases and other surface contaminants.

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APPLICATION INSTRUCTIONS

Spraying:

To create a consistent matte release surface on glossy FRP molds, it is required that the **Mold Wiz MWM Film Release Agent** be applied by spray. Pressurized spray pots, conventional spray guns, gravity feed HVLP or other types of HVLP equipment will provide the best results. Electrostatic spray guns and hand pumped spray bottles are not suitable for application.

APPLICATION

Spray on a light coat (pass) of **Mold Wiz MWM Film Release Agent** and let dry. When completely dry apply a second coat. 2-3 coats are usually recommended. Light coatings or passes are better. A medium or heavy application will produce runs, puddles, or drips. Wait a minimum of 30 minutes after the last coat is completely dry before molding. Drying time can be accelerated with fans or heat.

RE-APPLICATION

If the surface of the mold looks acceptable, reapply a coat of the **Mold Wiz MWM Film Release Agent** and allow to cure as described above.

If the surface of the mold is unacceptable, then remove any traces of **Mold Wiz MWM Film Release Agent** by wiping with a mixture of isopropyl alcohol and water (a mixture of 1 part IPA and 1 part water is generally good). The remains of release should be easy to remove, but repeat the cleaning if necessary.

Dry the mold completely and reapply as before.

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All information is given, based upon our best knowledge, but without liability to us. Data has been obtained by laboratory experiments made by our supplier. Since the condition under which the product is consumed is outside of our control, the product should be tested before use.