



50 Cambridge Drive, Monroe CT 06488 USA
+1 203.590.2000 | +1 800.332.AXEL
www.axelplastics.com

Technical Data Sheet

MoldWiz® WB-2700 External Mold Release

Product Description:

A liquid external release agent that dries at room temperature forming a monomolecular film which adheres by absorption to the mold surface and has no affinity for the molded resin or rubber. This selective adhesion prevents the film from being easily abraded by the demolded part. Numerous demoldings per application of release agent can be expected without any necessity for washing the parts. The release will not interfere with secondary finishing operations such as decorating, bonding, or painting.

Use:

Polyester, Epoxy, Acrylic, Methyl methacrylate, Phenolic, Rubber. Winding, Hot press molding & Preforms for all molding surfaces.

Composition:

Proprietary resin emulsion of polyolefins and organic fatty acids in combination with wetting agents and surfactant in a water vehicle).

Handling:

Keep this water-based product from freezing and store below 100°F / 39°C. Separation with this product is typical when left standing. **MUST MIX WELL BEFORE USING.**

Instructions for Use:

Mold should be at ambient/room temperature before starting application. Clean mold with XTEND CX-500. Apply mold release with a clean cotton cloth wiping in two directions, using a circular motion. Allow to dry to the touch prior to applying additional coats. Two (2) to three (3) coats should be applied the first time. The WB-2700 should be dry to the touch prior to molding.

When tooling temperature exceeds 120°F product should be applied by spraying a thin coat (fine mist to dry film) and allowing to dry completely with no moisture residue. In general terms, any sprayer that provides a fine mist or atomization should be suitable. Examples include Milwaukee Sure Shot® Sprayers, and HVLP spray systems.

Accelerate drying time by blowing hot air or by using heat lamps. Repeat whenever mold has been cleaned with XTEND CX-500, or as required to give mold release properties.

If composite tooling is being used (epoxy, polyester, vinylester), we suggest application of XTEND PR-ACP or PR-GCP to condition the mold.

Review SDS before use. If you have any additional questions, reach out to your technical service representative for further guidance.

FEATURES

Low HAPs	Non-flammable
Low VOCs	Will not interfere with any secondary operations.
Water-based	Multiple releases per application.

TYPICAL PROPERTIES:

SOLIDS	8.70 – 9.90%
COLOR	Off white
SPECIFIC GRAVITY	0.980 – 1.020
VISCOSITY	< 15 cps @ 25°C / 77°F
PH	9.00 – 11.00
SHELF LIFE	One year from date of manufacture