

The AXEL logo is positioned in the top left corner. It features the word "AXEL" in a white, serif, all-caps font. The letter "L" is partially blue. The logo is set against a dark, rectangular background. The overall image background is a blurred, high-contrast photograph of a woven mesh or fabric, possibly a mold or a filter, with a curved line running through it.

AXEL

solutions for epoxy processing

internal & external mold releases

Manufacturers of advanced epoxy products understand the importance of delivering finished goods with superior structural and surface quality. When you need the best, AXEL internal mold releases deliver unparalleled results.

	Product Type	Product Name	Description	Application
External Mold Releases	Semi-Permanent Solvent-based	XTEND® PR-50ES Primer	Primer for sealing porosity and reconditioning old or worn molds.	Wipe on.
		XTEND® UMS Mold Sealer	Sealer for extending the life of the mold release/mold.	Wipe on, rewet, buff off.
		XTEND® 1110EP	Highest performance for epoxies.	Wipe on, wipe off, or spray.
		XTEND® 1140HS	High performance for epoxies, polyesters, and vinyl-esters.	Wipe on, wipe off.
	Semi-Permanent Water-based	XTEND® W-460	High solids, high performance.	Wipe on, re-wet.
	Sacrificial Water-based Release	MoldWiz® WF-57NP	Excellent for all epoxy applications including compression molding, prepreg, potting, casting, etc.	Wipe on and wet buff.
		MoldWiz® WB-2700	Water-based for filament finding and other non-cosmetic epoxy applications.	Wipe on and let dry.

	Product Name	Application	Cure Type
Internal Mold Releases	MoldWiz® INT-1888LE MoldWiz® INT-1324B MoldWiz® INT-1846N2 MoldWiz® INT-1890M	Pultrusion and other processes.	Acid anhydride. Example: phthalic anhydride with tertiary amine or imidazole.
	MoldWiz® INT-1888LS	For high Tg requirements.	Acid anhydride and some aromatic and aliphatic amines.
	MoldWiz® INT-1846N2	Neutralized to prevent acceleration of cure.	Aliphatic amines. Example: DETA
	MoldWiz® INT-1850HT	For higher temperature processing (>350°F/175°C)	Phenolics and cyclo-aliphatic amines
	MoldWiz® INT-1888LE	Pultrusion and other processes.	Aromatic amines, MDA and non-MDA based.
	MoldWiz® INT-1324B MoldWiz® INT-1888LE	Pre-preg or wet systems.	DICY (imidazole-accelerated).

This information is supplied for technically skilled professionals working at their own risk. AXEL believes the information to be accurate, although the Company assumes no liability in the validity of the information for any specific process or application. Please refer to individual data sheets for further application, safety, and handling information. MoldWiz®, XTEND®, PasteWiz®, and CleanWiz® are registered trademarks of Axel Plastics Research Laboratories, Inc. © 2022. Axel Plastics Research Laboratories, Inc. All Rights Reserved. Rev Mar 2022

50 Cambridge Drive | Monroe, Connecticut 06468 US
800.332.AXEL | info@axelplastics.com | axelplastics.com



www.axelplastics.com
800.332.AXEL