

CELEBRATING

85
YEARS
1941 - 2026

AXEL


solutions for composites

external mold releases

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

solutions for composites: externals

SOLO: Spray on, leave on
SOWO: Spray on, wipe off
SOBO: Spray on, buff off
WOLO: Wipe on, leave on (let dry on its own)
WOWO: Wipe on, wipe off
WOBO: Wipe on, buff off
 * = Non gel-coated / Primer gel-coat / Painted parts

	Product Name	Slip	Description	Thermoset Resins	Application
Semi-Permanent Mold Release	XTEND® 1140HS		Highest slip and longevity. Superior results when paired with XTEND® UMS.	All	WOWO
	XTEND® 1110EP		Excellent for all thermosets. Buffing the surface is not necessary; only a light wipe off is needed. Excellent for when wanting to achieve the maximum number of parts before reapplication.	All	WOWO/ SOLO
	XTEND® ACR-LS		Excellent release for epoxies where application is typically done between each part.	Epoxy	WOLO
	XTEND® 820		Excellent for balance of slip and longevity. UMS mold sealer will extend longevity by up to 4x.	All Polyester, VE	WOLO
	XTEND® 859		Spray on, Class A, semi-permanent.	Polyester, VE	SOLO/WOLO
	XTEND® W-9165	Water-based semi-permanent release agent for gelcoat surfaces. Gives A-class finish for marine applications.	Polyester, VE	WOWO	
Semi-Permanent Mold Primer & Sealer	XTEND® UMS		Easy application for new or repaired molds, difficult part shapes, or aggressive resins. Excellent for extending release agent longevity.	All	WOWO
	XTEND® PR-GCP		A primer for gloss tooling that maximizes surface sealing and eliminates substrate porosity while increasing gloss.	All	WOWO
	XTEND® PR-ACP		Mold primer for sealing porosity, reconditioning old molds, and reducing mold build-up. Quick application, high build.	All	WOLO
MoldWiz® Polymeric/Sacrificial Mold Release	F-57 Series		Fluoropolymer. Easy application, for use up to 250°C/482°F. Gel coat, non-gel coat, filament winding, compression molding, etc.	All	WOBO
	F-23A/NC		Primarily used for filament winding.	All	WOWO
	WB-2700 WB-2700A		Non-cosmetic. Excellent for non-gel coat thermoset applications. High performance. Water based.*	All	WOWO/ SOWO
	EM series		Non-cosmetic. Low cost for compression molding, infusion, etc. Available in various solids levels. Water based.*	All	WOLO/ WOWO/ SOLO/SOWO
	JB5/985JB		Low cost mold release for SMC/BMC on chrome molds. 985JB is 50% concentrate. Water based.*	Polyester	SOLO
	WF-57NP		Wipe on, polish off while wet. Excellent non-silicone release for advanced composites.	All	WOBO
PasteWiz	PasteWiz®		General purpose paste wax.	All	WOBO
Cleaners	XTEND® CX-500 Series		High performance solvent blend for removing most waxes, polishes, compounds, dust, and dirt prior to application of mold primers, sealers, and release agents.	Most mold surfaces	WOWO
	AquaClean 521		Water-based mold stripper for removing polishes, compounds, and mold release agents.	Most mold surfaces	Wipe on, scrub off
	AquaClean 1021		A non-flammable, non-corrosive water-based mold cleaner designed for cleaning residue from molds shell molds after mold repair and sanding.	Most mold surfaces	WOWO

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www.axelplastics.com
800.332.AXEL

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