

The logo for AXEL, featuring the word "AXEL" in a white serif font on a dark blue rectangular background. The letter "L" is highlighted in a light blue color. The background of the entire page is a collage of technical drawings and pultruded profiles. In the top left, there's a drawing of a curved structural element. In the top right, a white pultruded profile with a complex, multi-chambered cross-section is shown. In the bottom left, a dark grey pultruded profile with a similar multi-chambered design is shown. In the bottom right, a white pultruded profile with a different cross-section is shown. A technical drawing with grid lines and numbers "1" and "2" is visible in the middle left area.

AXEL

solutions for pultrusion

internal & external mold releases

AXEL products are specifically designed for pultrusion applications that require high filler and glass loadings, difficult profiles, and high production demands. Whether you pultrude ladder rail, optical cable, bridge structures, or aerospace components, you can be confident in AXEL quality.

Resin	Product Name	Description
Polyester Vinyl Ester	MoldWiz® INT-PUL24	Enhanced performance for polyesters and vinyl esters; for demanding operations and fast line speeds.
	MoldWiz® INT-PUL34	Enhanced performance for demanding applications; high loading of ATH (>50 phr). Good for most modified MMA hybrid resins.
	MoldWiz® INT-524M	General purpose; low complexity or smaller profiles.
	MoldWiz® INT-542WT	MMA modified polyester and BPO cures.
	MoldWiz® INT-PS125	Industry standard for aramids (Kevlar®). Can be used across the board for polyester and vinyl ester resin.
Epoxy	MoldWiz® INT-1324B	INT-1324 ideal for DICY systems; INT-1324B ideal for anhydride amines and DICY blends.
	MoldWiz® INT-1846	Aromatic amine-cured epoxy.
	MoldWiz® INT-1846N2	Neutralized formulation. Amine or anhydride cures.
	MoldWiz® INT-1888LS MoldWiz® INT-1850HT	Bisphenol A or F epoxy with various cures, especially where high Tg must be maintained.
	MoldWiz® INT-1888LE MoldWiz® INT-1890M	For acid anhydride or imidazole cures.
	MoldWiz® INT-1888LE MoldWiz® INT-1324B MoldWiz® INT-1846N2	For acid anhydride with tertiary amine or imidazole. (Example: MTHPA)
Phenolic	MoldWiz® INT-1850HT	General purpose; good for some high temperature epoxies.
Polyurethane	MoldWiz® INT-1948MCH MoldWiz® INT-1968RAC	For aromatic and some aliphatic polyurethane pultrusion.
	MoldWiz® INT-1960MCH	For aliphatic and some aromatic polyurethane pultrusion.
	MoldWiz® INT-1940RTM	High performance for PU closed mold resins. Processes include infusion, RTM, etc.
	MoldWiz® INT-1944NRR	Suitable for pultrusion, infusion, or RTM when no change to gel time is required.

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