

The AXEL logo is positioned in the top left corner. It features the word "AXEL" in a white, serif typeface, with the letter "L" highlighted in a light blue color. The logo is set against a dark grey rectangular background.

AXEL

The background of the entire page is a photograph of an offshore wind farm. Numerous wind turbines are visible, their dark silhouettes standing against a vibrant orange and yellow sky at sunset. The sun is a bright, glowing orb on the left side, with its light reflecting on the calm surface of the water. The overall mood is serene and emphasizes renewable energy.

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

2

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® XTR. | All | WOWO |
| | XTEND® 1110EP | | Excellent for all thermosets. Buffing the surface is not necessary; only a light wipe off is needed. | Epoxy, phenolic, PE/VE | WOWO/ SOLO |
| | XTEND® 838 | | Excellent medium-high slip for most composite applications. | All | WOWO |
| | XTEND® 1080 | | Highest slip for wipe on/leave on; less longevity. | Polyester, VE | WOLO |
| | XTEND® 818+ | | Excellent for balance of slip and longevity. Mold sealer will extend longevity by up to 4x. | Polyester, VE | WOLO |
| | XTEND® 859 | | Spray on, Class A, semi-permanent. | Polyester, VE | SOLO/WOLO |
| | XTEND® W-460 | | High solids, high performance for maximum releases before reapplication. Water based. | All | WOWO |
| | XTEND® W-440HG | | Medium solids, Class A, semi-permanent release. Easy to buff to a high shine. Water based. | All | WOWO |
| Semi-Permanent Mold Sealer | XTEND® AMS | | Easy application for new or repaired molds, difficult part shapes, or aggressive resins. | PE, VE | WOWO |
| | XTEND® XTR | | Same as above; excellent for extending release agent longevity. | All | Wipe on, rewet, Wipe off |
| | XTEND® PR-50 | | Mold primer for sealing porosity, reconditioning old molds, and reducing mold build-up. | 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 |
| | Melax 3F/NC | | Wipe on, polish off while wet. Excellent for sealing molds prior to using waxes and other polymeric. Mold conditioner. | All | WOBO |
| PasteWiz® | PasteWiz® 88 | | Easiest to use. Replaces other formulations in most cases. Good for all climates. | All | WOBO |
| | PasteWiz® HC | | Developed especially for hot climates. | All | WOBO |
| | PasteWiz® | | General purpose paste wax. | All | WOBO |
| Cleaners | AquaClean 100 | | Water-based mold stripper for removing polishes, compounds, and mold release agents. | Most mold surfaces | Wipe on, scrub off |
| | 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 | Wipe on, scrub off |

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. © 2020, Axel Plastics Research Laboratories, Inc. All Rights Reserved. Rev Jan 2020.



www.axelplastics.com
 800.332.AXEL

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