

Exploration Tower
Observation Deck
Cape Canaveral, FL

High-Performance Coatings and Agents



PREMINOL™

AGC

Your Dreams, Our Challenge

Our advanced coating and adhesive technologies deliver performance that extends far beyond conventional materials.



LUMIFLON® FEVE is the first solvent-soluble fluoropolymer resin for coatings that can be cured at room temperature or at elevated temperatures. LUMIFLON resins, used in topcoats, are ultra-weatherable, and maintain their excellent appearance on buildings, bridges, and other structures, as well as on aircraft, automobiles, and solar panels.

Applications:

Industrial Maintenance: bridges, storage tanks, water towers;
Transportation: Aircraft, automobiles, trains;
Architectural: Metal composite panel, aluminum extrusions for window frames.

Benefits:

- Outstanding UV light, chemical, and corrosion resistance
- Excellent weather resistance compared to conventional topcoats
- Long-lasting color and gloss retention
- Wide range of resin types for almost any coating market segment



Fluon® ETFE possesses a unique combination of desirable properties such as higher resistance to heat and chemical attack, outstanding physical toughness, and non-stick characteristics. Various powder grades are available for different processing methods and application needs.

Applications:

Corrosion-resistant coatings; butterfly valve coatings; pump linings; pipe, fittings, and tank coatings.

Benefits:

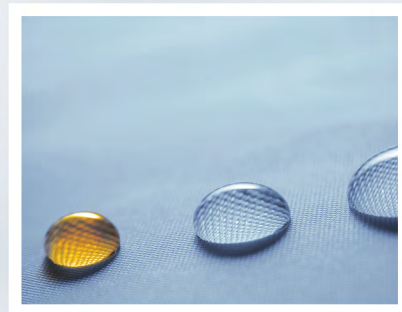
- Outstanding UV light, chemical, and corrosion resistance
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Meta Campus Spring District
Bellevue, WA



Amazon Spheres
Seattle, WA



FibraLAST® non-fluorinated oil/water repellents are ideal for technical textiles. When aluminum extrusions for window frames applied as a thin polymeric coating on textiles, they form a microscopically rough texture that acts as a chemical barrier. This treatment enables textiles to repel oil-based stains and fluids, causing them to bead up for easy cleaning.

Applications:

Industrial fabric, upholstery, automotive textiles, medical textiles, filtration, awnings, marine textiles, and food packaging (coming soon!)

Benefits:

- Adds performance and durability to textiles and non-wovens to allow for no absorption
- Non-fluorinated, sustainable alternative to traditional repellents
- Strong resistance to water, oil, stains, and even alcohols
- Durable performance at high temperatures (up to 80 °C)

PREMINOL™

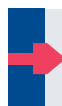
PREMINOL™ polyether polyols have a high molecular weight, narrow molecular weight distribution and ultra-low monol content. These properties enable the polymers to boost the strength of coatings, adhesives, sealants, and elastomers.

Applications:

Construction and automotive sealants, adhesives, coatings;
Electronics: optical adhesives, fiber coatings, specialty polymers.

Benefits:

- High performing mechanical properties
- Strong durability and good workability
- Long-lasting elasticity, good weatherability and paintability, non-staining



For more information,
please visit us at agcchem.com/products/

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