



sol-ar™

ARCHITECTURAL FLUOROPOLYMER
Powder Coatings



The sky is the limit.



PROTECH
— GROUP —

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Sol-ar -- High Performance Powder Coatings for Architectural Applications

Sol-ar™ is Protech's high performance line of powder coatings for architectural applications. These powders are manufactured using fluoropolymer resins that ensure outstanding weathering performance and excellent resistance to the damaging effects of UV light. Sol-ar™ powders demonstrate superior abrasion, corrosion and mar resistance and, unlike liquid alternatives, these powders do not require a primer. Their strength prevents damage in the handling and installation process and makes Sol-ar™ the ideal application for railings and other heavy traffic areas. Sol-ar™ powders are guaranteed for ten years and meet the requirements of AAMA specification 2605. They are available in a wide range of colors and glosses and like all Protech powders, they are environmentally friendly and release no harmful VOC's.

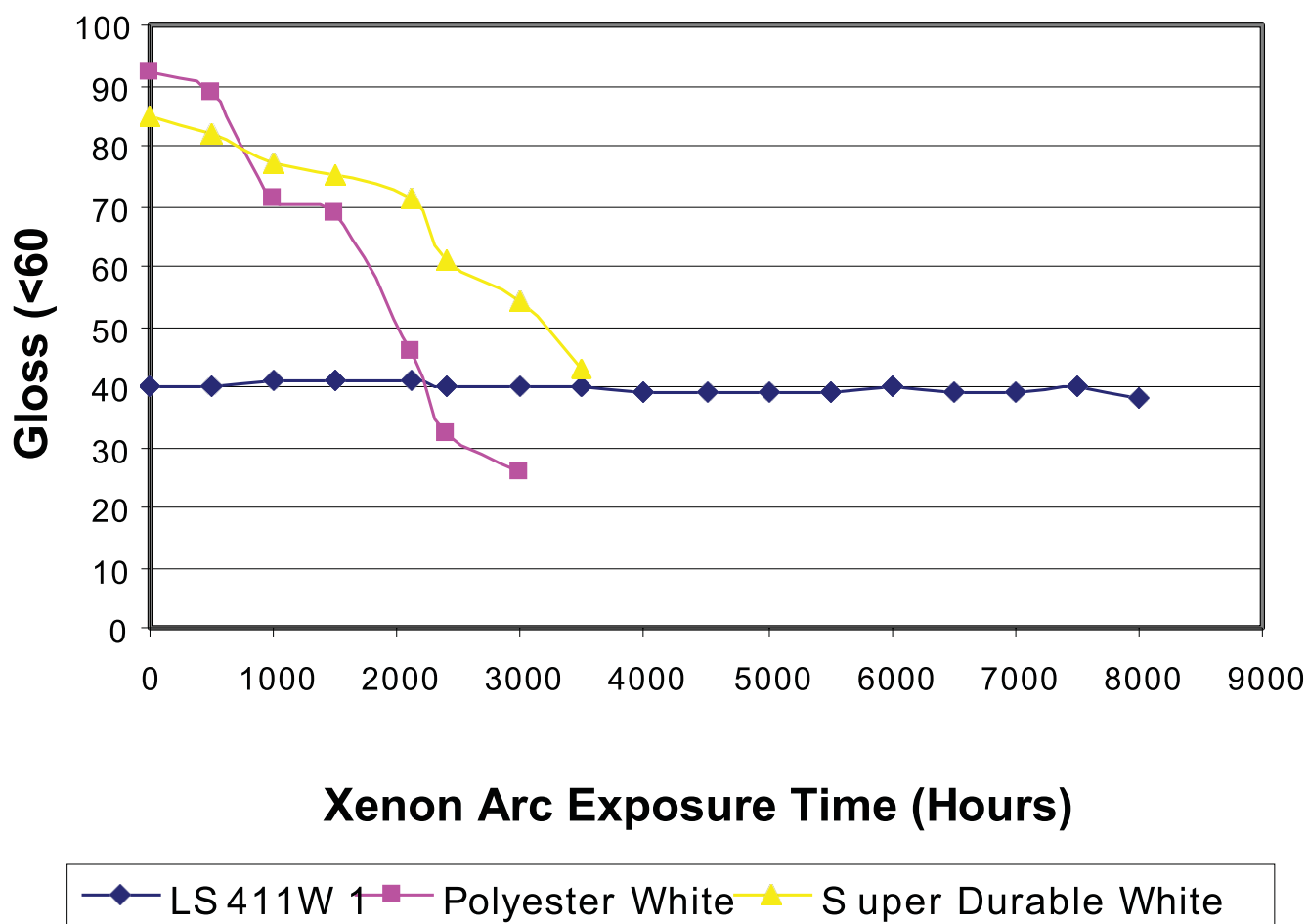


ADVANTAGES

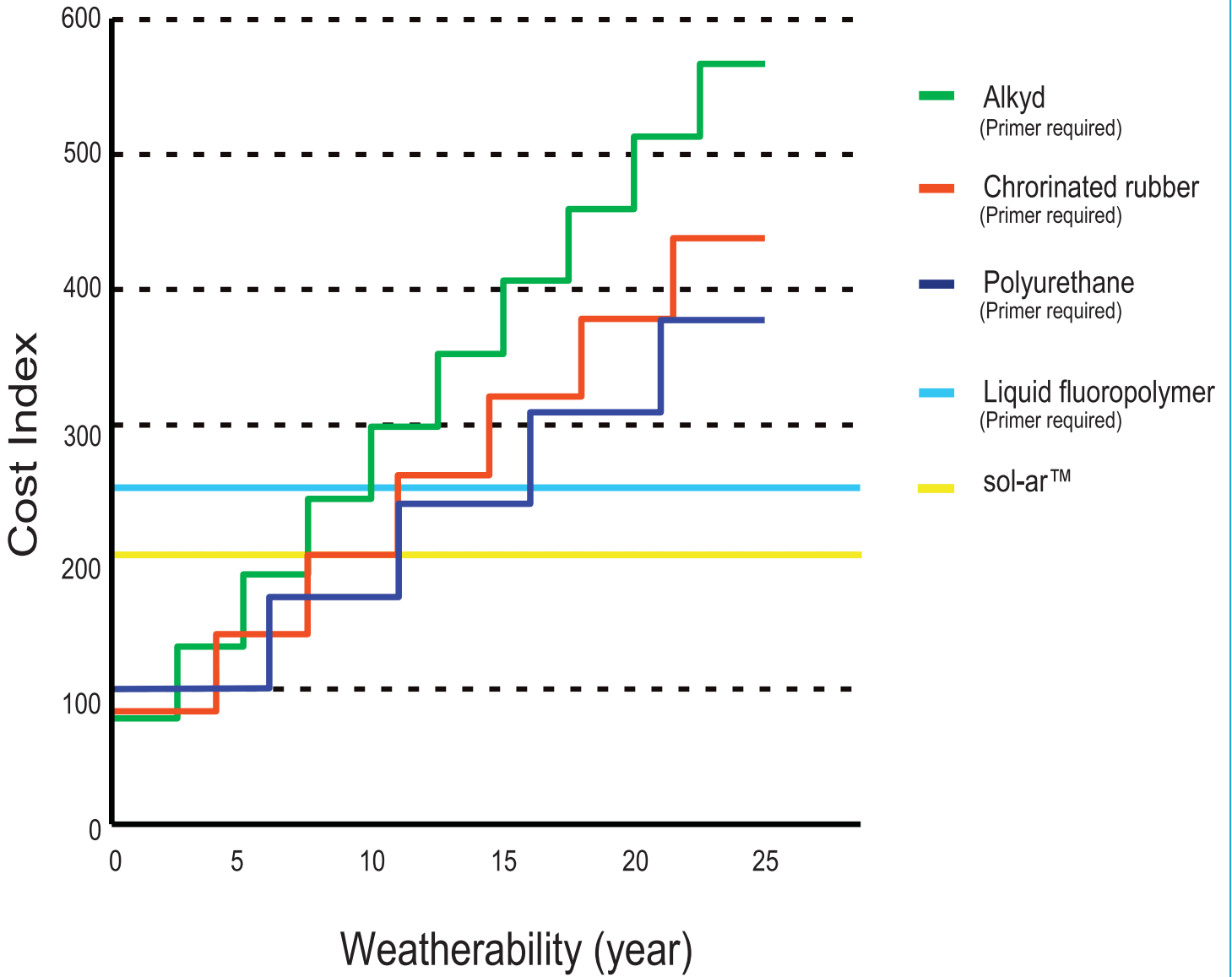
- Thermoset powder coatings formulated with fluoropolymer resins.
- Outstanding weathering resistance and excellent UV protection
- Formulated for superior abrasion, corrosion and mar resistance with no need for primers
- Guaranteed for ten years in accordance with AAMA specification 2605
- Environmentally friendly with no release of VOC's
- Available in a wide range of colors and glosses



Solar White Vs Polyester T G IC & Super Durable White



Life Cycle Cost





SOL-AR™ FLUOROPOLYMER POWDER COATINGS 30 YEAR WARRANTY

Protech / Oxyplast warrants that the Sol-ar™ series of powder coatings produced by Protech/Oxyplast or by any of our licensees, will meet or exceed the performance requirements of GSB, Qualicoat and AAMA 2605 and will maintain film integrity for a minimum of **thirty years** with normal levels of fading, gloss reduction and chalking.

Sol-ar™ high performance powder coatings are engineered to meet or exceed the performance requirements set forth in the "Voluntary Specification, Performance Requirements and Test Procedures for Superior Performing Organic Coatings on Aluminum Extrusions and Panels" - American Architectural Manufacturers Association (AAMA 2605).

This specification calls for Florida exposure south of latitude 27° North at a 45° angle facing south for a minimum of ten years with a minimum of 50% gloss retention (ASTM 523) and a maximum ΔE color change of 5.0 units (Hunter) ASTM D2244.

Corrosion resistance and adhesion are a direct function of pretreatment and metal preparation conditions. Therefore, all surface preparation, pretreatment and application must be performed and carried out by approved applicators in strict conformance with **Protech's** instructions and product data sheets. The recommended procedures set forth in AAMA 2605, and all other written specifications including maintenance and cleaning procedure, must be met. A multi-stage cleaning and pretreatment system is required to remove organic and inorganic surface soils, remove residual oxides, and apply a chemical conversion coating to which organic coatings will firmly adhere.

The Sol-ar™ high performance series demonstrates the best weatherability in its class when properly applied and fully cured on perfectly pretreated substrates.

Our technical advice, whether verbal or in writing, is given in good faith. It does not release the purchaser or the applicator from testing the products as to their suitability for the particular application.

This warranty is subject to terms, conditions and limitations. **Protech** warrants the customer but not to any successor or assignee of the customer.

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Protech's experienced sales team has members throughout the world. We also have a large warehousing network throughout North America. To find the salesperson closest to your location please contact us.

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