LIFE PAINT
PRODUCT SPECIFICATIONS

STRETCH-GUARD

WEATHER FIGHTER

ARCHITECTURAL COATINGS

70 Series, Elastomeric, 100% Acrylic Flat House & Trim

Description:
Life's 70 Series Stretch-Guard is a Premium Quality Exterior 100% Acrylic Latex Flat House and Trim Coating. This high performance coating offers the flexibility of a conventional quality Acrylic Latex House Paint and the benefits of a Elastomeric Coating with an elongation factor of 200%. "70" Series incorporates an exclusive resin technology which provides outstanding quality when applied like a conventional exterior paint. High build "70" Series will provide Elastomeric-like protection from the weather on masonry and wood substrates.

Advantages
* Up to 200% elongation
* Flexible. Performs very well in hot and cold climates.
* Repels water to help eliminate moisture penetration.
* Self-Priming
* Ultra-violet stability
* Resistant to dirt pick-up

Uses
* Wood
* Wood Siding
* Plywood
* Metal
* Cement
* Block
* Wood Decks
* T1-11
* Stucco
* Masonry

Finish: Flat

Package Size: One gallon, 5 gallon, quarts

Limitations: Do not apply over mildew. This product is not recommended for below grade waterproofing applications.
NOTE: Retaining walls, planter boxes etc. must be waterproofed on the backside with a below grade waterproofing type material prior to back filling. Not recommended for application when the ambient temperature is below 45^{0}F, to frost covered surfaces, or when the substrate's temperature is below 50^{0}F. Not recommended for application if rain is expected within 24 hours.
Surface Preparation:
All surfaces must be free of dirt, oil, soot, paint chalk or other contaminants. A thorough washing with a T.S.P. solution is recommended to remove contaminants. Rinse completely with clear water. (See Stucco Surfaces).

Mildew: DO NOT PAINT OVER MILDEW. Mildew is a fungus, brown, black, grey or white in color which will rapidly grow through any coating applied over it. A solution of 50% household bleach and 50% water will kill the mildew. Rinse thoroughly. Note precautions on bleach label before using.

Application
Extractive Bleeding: Redwood, Cedar, Mahogany and Douglas Fir contain natural water soluble extractives that tend to "bleed" or migrate to the surface. This bleeding may be unsightly but is not damaging to the durability of the product. If extractive bleeding has occurred, allow the coating to dry completely, then wash with a mild detergent solution and rinse with clear water.
New Wood : Remove all loose material and dirt. When light or pastel colors are to be used on Redwood, Cedar, Mahogany or Douglas Fir, prime first with Life's 7075 or 3300 Primer. Smoothly finished wood should be sanded first or primed. Two coats of 7075 or 3300 Primer are recommended on Redwood or Cedar to stop tannic acid bleeding.
Unpainted Smooth Weathered Wood : Should be sanded, cleaned and primed with Life's 7075 or 3300 Primer.
Exterior Plywood, including T1-11
1. Be sure to paint the edges of all panels, especially lower drip edges.
2. Dirt and loose wood fibers should be removed with a stiff brush.
3. For best results, brush or roll along the grain. If sprayed, apply liberally and then back brush. When spray is fogged onto the siding, too little is applied and it adheres only to the top surfaces of loose dirt and fibers which easily erode in the natural weathering process.
4. For maximum durability on badly weathered surfaces, prime with Life's 7075 Primer.

Solid Color Stain (Self Priming): For Exterior use on new, or previously stained shakes, shingles, rough sawn or textured siding, primed or unprimed hardboard siding. Prime all abraded or brushed T1-11 Plywood.
Air Pollutants: Increasing levels of some air pollutants can combine with moisture to effect the appearance of any coating. A chemical reaction may occur which leaves a gray-white "salt" on the surface. Removal by scrubbing with a detergent and recoating may be necessary. Light or pastel colors are suggested when problem is severe.
Stucco: Scrub, sand or hydro-blast to remove chalk and all loose, flaking or peeling material. Heavy chalk should be sandblasted or hydro-blasted off.
Efflorescence: Efflorescence must be removed by sand-blasting or thorough wire brushing and scraping followed by washing with a 10% solution of muriatic acid. Neutralize and rinse thoroughly.
Metal: Metal must be free of rust. Clean and etch all new metal. Prime all bare metal with Life's 7075 Primer.
Coverage: Theoretical film thicknesses are listed. Actual film thicknesses may vary depending on substrate porosity
Rough Surface: 150-200 SQ. FT. 2.2 MILS dry (one coat)
Flat Surface: 200-300 SQ. FT. 2.2 MILS dry (one coat)
Drying Time: Dries to touch in 30 minutes and may be recoated in four hours.
Clean Up: Clean Tools and hands with warm soapy water and rinse thoroughly.
Thinning: Thinning is not recommended. If spraying, a small amount of water may be used.

FOR WARRANTY
See Separate Warranty Document
WARRANTY IS LIMITED TO STUCCO AND MASONRY SURFACES ONLY AND IS NULLIFIED IF THE APPROPRIATE CLEANING AND PRIMING RECOMMENDATIONS ARE NOT PERFORMED.

Physical or Performance Properties	Test Method	Results
Water Vapor Transmission(*Breathability)	ASTM E96-84	Perms 7.5
Tensile Strength	ASTM D412-87	475 PSI (70°F) 525 PSI (32°F)
Elongation	ASTM D412-87	225% (70°F) 150% (32°F)
Mildew Resistance	MIL STD 810D	Very Good
Accelerated Weathering	1,500 Hours in QUV Machine	No Effect on shades or Film Integrity
Salt Fog Resistance	ASTM B117-90 (TT-C-555B)	500 hours no yellowing or adverse effects
Flexibility	ASTM D1737 (TT-C-555B)	0°C 1/2" Mandrel Pass
Gloss, Specular	ASTM D523-90	3-5 pts at 60° angle
Weight per gallon	Lab Value	10.64
Viscosity (KU)	ASTM D562-81 (1990)	95-100 (KU)
pH	Lab Value	9.0-9.5
Dirt Collection Resistance	ASTM D3719-87	Very Good

*Allows water vapor from the inside to escape through the coating film.

Technical Information

Type:	100% Acrylic Latex	**Viscosity:**	95-100 KREBS
Diluent:	Water	**Flash Point:**	>200°F
Solids Content:	47-50% by weight 33-36% by volume	**Maximum V.O.C.:**	50 grams per liter