

# TropiFlex XL



## 100% Acrylic Hi-Build Elastomeric Coating

Flat • 1990

### Product Description

A hi-build 100% acrylic coating that provides a true elastomeric finish that will provide flexibility, durability and resistance from wind-driven rains up to 98 MPH. The coating is sag resistant and may be applied at up to 20 wet mils to achieve 10 DFT per coat. The hi-build film is highly flexible and bridges hairline cracking, while simultaneously providing exceptional resistance to dirt pick-up, mold, mildew and algae growth. The film is extremely permeable, allowing moisture vapor to escape out through its membrane.

### Recommended Substrates

- Stucco
- Concrete, concrete block (CMU)
- Poured and precast concrete
- EIFS & synthetic masonry stucco

### Product Features

- 100% Acrylic Formula
- Hi-build formula up to 10 mils per coat.
- Protects from wind-driven rain <98 mph
- Extremely flexible, bridges hairline cracks
- Excellent resistance to mildew and organic growth
- Outstanding hiding & coverage properties

### Product Limitations

This product is for use on properly prepared above grade vertical substrates. Do not apply to horizontal surfaces or areas that come in constant contact with moisture or standing water.

Available bases | 1990: WB

**Application:** Brush, roller, airless or conventional spray

Dry time @ 50% RH\*: 2 - 4 HR to touch  
4 - 6 HRS recoat

\*dry times listed may vary according to the relative humidity, temperature, film build, color and air movement of the application environment

Flash Point: NonFlammable >200°F

Clean Up: Soap and water

**Performance Data** 1 coat @ 7 mils DFT

Elongation ASTM D2370 285%

Flexibility 1/4" Mandrel Bend ASTM D522B Passes

Mildew & Algae Resistance ASTM D3273/74 Passes

Tensile Strength ASTM D2370 303 PSI

Water Vapor Permeance ASTM D1653 21.6

Wind-Driven Rain w/primer ASTM D6904 Passes

**Compliance**  
This product is VOC compliant based on limits provided by EPA, MPI GPS-1 and OTC Phase 1.

### Product Data

Product Type: **Waterborne / 100% Acrylic**

Gloss @60°: **1990**  
0 - 5

Wt Solids ±2%: 64%

Vol Solids ±2%: 51%

Wet Film Mils: 13.4 - 20.1

Dry Film Mils: 6.8 - 10.2

Coverage / Gal \* 80 - 120

\* coverage and wet and dry millage will vary by substrate type and porosity.

VOC gms p/L \*\*: <100

\*\* less exempt solvents and before the addition of colorant

Viscosity KU ±5: 125

### Surface Preparation

**WARNING!** If you scrape, sand, or remove old paint, you may release lead dust or fumes. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

**General Surface Preparation:** The performance of this product is dependent on the integrity and soundness of the substrate. All surfaces should be clean and free of any dirt, rust, grease, mill oils, mill scale, efflorescence, organic growth, mildew or other contaminants that might adversely affect the adhesion and performance of this product. Any failed or deteriorated caulk or patching compound should be removed and replaced. Unpainted surfaces should be primed in accordance with manufacturer's recommendations. Glossy substrates should be deglossed prior to painting.

**New Concrete, Stucco and Masonry Surfaces:** New concrete and masonry should cure for at least 30 days and preferably 90 days prior to painting. The pH of the substrate must be less than 10 prior to coating with this product. For a pH of <13, prime with 3850 SunFlex Acrylic Primer, 3865 SunFlex Hi-Build Premium Basecoat or an approved alkali resistant primer. Block mortar joint should cure for at least 30 days prior to priming. Fill block with 3550 FortiFill Acrylic Masonry Filler or approved blockfiller.

**Previously Painted Masonry Surfaces:** All surfaces must be clean and in sound condition. Prime surface with 3690/92 AquaSeal Acrylic Sealer, 3850 SunFlex Acrylic Primer, 3865 SunFlex Hi-Build Premium Basecoat or an approved primer.

**Application:** Stir product thoroughly in a spiral up and down motion before use and during application. Use a quality nylon or polyester brush, a 1/2" to 1-1/4" nap synthetic roller cover, or airless sprayer with a minimum pressure of 2000 PSI and a .021"-.023" tip. To assure color uniformity intermix multiple containers of same color and apply a small test area to verify color.

**Thinning:** Stir thoroughly and apply as it comes from the container, thinning is not necessary under normal conditions.

**Coverage & Dry Time:** Covers approximately 80-120 square feet per gallon, depending on the method of application and the porosity of the surface to be painted. Dries to touch in approximately 2-4 hours and may be recoated in 4 - 6 hours when humidity is low. Do not use when air, surface or product temperatures are below 50°F or above 100°F. Cleaning should not occur until 30 days after the initial application.

**Clean Up:** Minor spills and splatters should be immediately cleaned with soap and water, as well as any painting tools and airless spray equipment. More serious spills should be contained and removed with inert absorbent material. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.

**Safety - CAUTIONS: KEEP OUT OF REACH OF CHILDREN! DO NOT TAKE INTERNALLY! USE ONLY WITH ADEQUATE VENTILATION!** Avoid prolonged contact with skin, and breathing of dust, vapors or spray mists. Avoid contact with eyes and wear eye protection. If adequate ventilation is not possible, wear a NIOSH approved respirator to avoid inhalation of the fumes and wear clothing designed to prevent skin contact. Wash skin thoroughly after handling. Close container after each use and store in a secure, shaded and dry location. **First Aid:** Wash skin thoroughly with plenty of warm soap and water. In case of eye contact immediately flush with plenty of water for 15 minutes and get medical attention immediately. If you experience difficulty breathing leave area to obtain fresh air. If continued difficulty is experienced get medical attention immediately. If swallowed do not induce vomiting and get medical attention immediately.

### Storage and Disposal

Product should be kept from freezing temperatures & stored in a cool, dry location. Refer to your local city or county government for instructions on disposal options.

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