

**Superiorseal**



**1. PRODUCT NAME**

**SUPERIORSEAL TOPCOAT**  
 Acrylic Elastomeric Coating

**2. MANUFACTURER**

**PRO-TECH PRODUCTS, INC.**  
 3003 N. 73<sup>rd</sup> Street  
 Scottsdale, Arizona 85251

**3. PRODUCT DESCRIPTION**

SUPERIORSEAL TOPCOAT is a premium quality, elastomeric coating which combines acrylic polymers with a hi-solids content of titanium dioxide for long lasting durability and ultraviolet resistance. SUPERIORSEAL TOPCOAT is uniquely engineered to resist ponding water and has been proven effective for years on millions of feet of commercial, industrial and residential roofing.

**BENEFITS:**

- Superior resistance to ultraviolet degradation
- Excellent adhesion to most substrates
- Low temperature flexibility down to -0° F
- Low toxicity and odor, environmentally safe
- Excellent dirt pickup resistance maintains high reflectivity which reduces substrate temperatures, prolonging roof life and reducing interior temperatures and energy costs.

**4. TECHNICAL DATA**

See TABLE 1.

**RATINGS & APPROVALS**

See TABLE 2.

**5. INSTALLATION**

- May be applied by spray or heavy nap roller. However, airless spray is recommended for consistency
- All surfaces must be clean, dry, and free of dirt, grease, oil, or other contaminants that would interfere with proper adhesion
- Apply in two separate coats of 1 gallon per 100 square feet per coat minimum
- Apply at temperatures above 50° F and rising
- Apply only when weather conditions will permit drying before rain, dew or freezing temperatures occur
- Acrylic-based coatings must cure before being subjected to freezing or moisture. Example of ideal conditions: 4-6 hours above 70° F and low humidity
- For application details see specific Guide Specifications

**6. WARRANTY**

No specific warranties implied.

**7. MAINTENANCE**

Periodic maintenance of Pro-Tech Products coatings and roofing systems ensures extended performance and reduces life cycle costs.

**8. TECHNICAL SERVICES**

Additional information, product brochures, and guide specifications are available. Customized application instructions are also available from our technical experts.

**TABLE 1 – TECHNICAL DATA**

PHYSICAL PROPERTIES

Property	Test Method	Typical Value
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Viscosity (CPS)	Brookfield LVT #4 @ 60 rpm	8500-10000
Solids by Volume (%)	ASTM D-2697	54 %
Solids by Weight (%)	ASTM D-1644	67 %
Weight per Gallon	ASTM D-1475	11.5 lbs.
Coverage (Mils/100sf/gal)		8.64 Dry Mils/16 Wet Mils
Clean-up		Water
Re-coat Time (hrs.)		Normally 4-8 hours

PERFORMANCE PROPERTIES

Property	Test Method	Typical Value
Elongation (%)	ASTM D-2370	250 %
Tensile Strength (psi)	ASTM D-2370	410 psi
Perm Rating	ASTM D-1653	4 perms
Low Temp Flexibility	ASTM D-522	½" mandrel
Solar Reflectance	ASTM C-1549	85% initial, 78% aged
Thermal Emittance	ASTM C-1371	0.88 initial, 0.90 aged
SRI (Solar Reflectance Index)	ASTM E1980	107 initial, 97 aged

**TABLE 2 – RATINGS/APPROVALS EC-100 UL COATED FOAM SYSTEM**

Approvals	
Cool Roof Rating Council (CRRC)	#0790-0003 (White only)
Energy Star	<a href="http://www.energystar.gov">www.energystar.gov</a>

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**3003 North 73<sup>rd</sup> Street**  
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