

Technical Data \

TRITOCRYL 1K

Premium-grade acrylic elastomeric top coat for various types of roofs

Product Description

TritoCryl 1K Topcoat is a premium-grade, water-based, and low-VOC acrylic elastomeric protection coating for various types of roof membranes, including the TritoFlex 2K seamless rubber membrane. TritoCryl 1K helps to slow down degradation of the critical waterproofing components within any roofing or waterproofing system by creating a protective barrier to the sun and other elements.

TritoCryl 1K Topcoat is typically provided in white for reflective properties but is also available in light gray or tan. It can be custom tinted upon request. TritoCryl 1K is Title 24 Compliant and CRRC (Cool Roof Rating Council) approved.

TritoCryl 1K Topcoat is a protective coating solution for the entire building envelope and beyond and can be applied by spray, roller, or brush.

Installation

Surface preparation is generally limited to cleaning the substrate with water to provide a clean surface for TritoCryl 1K to adhere. A primer coat may be required for some substrates, such as Modified Bitumen. The substrate must be dry prior to application.

Apply TritoCryl 1K at temperatures above 40°F (5°C) and only when weather conditions permit drying before rain, dew, or freezing temperatures.


Please refer to manufacturers' specific application instructions, limitations, and cautions.

PHYSICAL PROPERTIES (LIQUID FORM)

Color	White
Volatile Organic Compound	0.39 lb/gal
Packaging & Shelf Life	5 gal (20 L) buckets or 55 gal (208 L) drums with (1) year shelf life
Solids Content (Weight)	69% solids
Coverage	2 gal (7 L) per 100 sq. ft. (10 sm) for 20 mils (0.5 mm) dry (installed in two coats)
Clean Up	Water

PHYSICAL PROPERTIES (CURED FORM)

	TYPICAL VALUE
Color	White
Coating thickness	20 mils (0.5 mm) dry is typical application
Elongation & Tensile Strength (ASTM D2370)	310% @ 200 psi
Fungi Resistance (ASTM G21)	Excellent
Perms (ASTM D1653)	6 perms
Tear Resistance (ASTM D624)	90 pli/in
1,000 hr Accelerated Weathering (ASTM D4798)	No cracking or checking
Solar Reflectivity (ASTM C1549)	0.84
Thermal Emittance (ASTM C1371)	0.90

	Initial	Weathered
 Solar Reflectance	0.80	0.67
Thermal Emittance	0.90	0.91
Rated Product ID Number	0003	
Licensed Seller ID Number	1178	
Classification	Production Line	

Cool Roof Rating Council ratings are determined for a fixed set of conditions, and may not be appropriate for determining seasonal energy performance. The actual effect of solar reflectance and thermal emittance on building performance may vary.
Manufacturer of product stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating Council procedures.