

Technical Data \

# NEOCOAT™

## Water-based, multi-polymer roof coating

### Product Description

NeoCoat™ is a water-based, single-component, professional-grade roof coating composed of a hybrid blend of premium polymers. It is bright white and used to restore existing roofs. NeoCoat™ is easy to apply and has industry-leading reflectivity to reduce surface temperatures of roofs. It has superior dirt pick-up resistance compared to other white roof coatings so it can maintain its superb reflectivity and emissivity properties.

### Product Uses

NeoCoat™ is used to restore existing low-slope and flat roofs to prevent leaks and prevent further deterioration of the existing membrane, avoiding wasteful and costly tear-offs. It is chosen as an alternative to other roof coatings due to its increased resistance to ponding water and superior physical properties, combined with the highest reflectivity available. NeoCoat™ can be applied over Mod-Bit, BUR, TPO, PVC, EPDM, Concrete, and Metal roof substrates.

### Installation

NeoCoat™ should be properly mixed with a variable speed drill and mixing paddle to achieve adequate consistency and uniform color. Mixing time will vary based on environmental conditions. Prior to applying NeoCoat™, ensure the existing surface is free of dust, dirt, debris, or contaminants via pressure washing.

NeoCoat™ may be applied by brush, roller, or airless spray equipment in at least two (2) coats. DO NOT apply when temperatures are below 50°F (10°C) or when precipitation is in forecast within 24 hours. Please refer to manufacturer's specifications for specific application instructions, primer requirements, limitations, and cautions.

### Safety/Hazards

Review Triton's latest Safety Data Sheet (SDS) and labels for detailed health and safety information. This product is intended for industrial and commercial use by professional, properly trained contractors only. The use of standard PPE is required when applying NeoCoat™.

### Storage

NeoCoat™ should be stored in a dry, cool area away from frost, open flame, excessive heat, sunlight, and moisture. Material should be stored above 65°F (18°C).

PHYSICAL PROPERTIES (LIQUID FORM)		
Color	White	
Packaging & Shelf Life	5 gal. pails 50 gal. drums	
Shelf Life	24 months (unopened)	
Solid Content	68% solids by weight	
Coverage	2 gal per 100 sf (minimum rate)	
Clean Up	Water	
VOC's	≤ 40 g/L	
Drying Time @75°F	2-3 hours	
PHYSICAL PROPERTIES (CURED FORM)	TEST METHOD	TYPICAL VALUE
Color	-	White
Coating Thickness	-	20 - 40 mils dry
Elongation	ASTM D412	300%
Tensile Strength	ASTM D412	460 psi
Permeability	ASTM E96	1.47 Perms
Hardness (Shore A)	ASTM D2240	44
Accelerated Aging	ASTM G154	Pass > 1000 hours
Solar Reflectivity	ASTM E903	92%
Thermal Emittance	ASTM C1371	0.86
Service Temperature	-	-35°F to 175°F