

NEOCOAT™ PLUS

Water-based, single-component, quick-set enhanced polyurethane roof coating

Product Description

NeoCoat™ Plus is a fast-drying water-based, single-component, enhanced polyurethane coating. It is bright white in color and used as a ponding-resistant roof restoration system. NeoCoat™ Plus is quick and easy to apply and provides exceptional resistance to moisture, chemicals, acids, oils, animal fats, and other pollutants. The bright white surface reduces surface temperatures of roofs.

Product Uses

NeoCoat™ Plus is used to restore and extend the life of existing low-slope and flat roofs where resistance to ponding water and/or grease, animal fats, and chemicals is needed. It may be applied over Concrete, Mod-Bit, BUR, PVC, TPO, EPDM, Metal, or sprayed polyurethane foam as a restoration system. Contact Triton for application guides.

Installation

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

NeoCoat™ Plus may be applied by brush, roller, or airless spray equipment in at least two (2) coats. It is dry to recoat in 3 hours and rain resistant in just 1 hour. DO NOT apply when temperatures are below 40°F (5°C). 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™ Plus.

Storage

NeoCoat™ Plus 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
VOC's	≤ 40 g/L
Packaging & Shelf Life	5 gal./19 L pails 50 gal./190 L drums
Shelf Life	12 months (unopened)
Solid Content	75% solids by weight
Coverage	2 gal per 100 sf (7 L/10 m ²)
Clean Up	Water

PHYSICAL PROPERTIES (CURED FORM)

	TEST METHOD	TYPICAL VALUE
Color	-	White
Coating Thickness	-	20 mils (0.5 mm) dry
Elongation	ASTM D412	250%
Tensile Strength	ASTM D412	450 psi
Hardness	ASTM D2240	65
Accelerated Aging	ASTM G154	Pass > 1000 hours
Solar Reflectivity	ASTM E903	84%
Thermal Emittance	ASTM C1371	0.96
Solar Reflective Index (SRI)	ASTM E1980	107
Cold Temp Flexibility	-	-25° F