

TRITOFLEX 1K BRUSH-GRADE

High viscosity, water-based rubber patch, repair, and flashing compound

Product Description

TritoFlex 1K Brush-Grade Rubber is a non-toxic, environmentally-friendly, one-component waterproofing membrane formulated with premium rubber polymers. It is often used as a flashing component for the TritoFlex 2K system; however, it is ideal for sealing leaky roof penetrations, ductwork seams, cracks, tears, and punctures in almost any roof system. TritoFlex 1K is also used for a variety of other waterproofing purposes and is usually installed in one coat.

Product Versatility and Uses

TritoFlex 1K Brush-Grade can not only be applied in roofing applications, but for waterproofing foundations, gutters, showers, beams, and much more. With its ability to withstand water indefinitely and remain flexible after aging, TritoFlex 1K is truly a unique waterproofing solution for the entire building envelope. Beyond waterproofing, TritoFlex 1K can be used as an impermeable, anti-corrosive layer to protect steel and concrete from deterioration. It is especially resistant to acids and caustic substances.

Application

All surfaces must be washed clean, free of loose materials, grease, oils, release agents, and other contaminants. Primers may be required for certain substrates, such as EPDM or metal.

Typical full cure time of the membrane is 18-24 hours with sunny and warm, 60°F (15°C), weather conditions. Do not allow the freshly applied material to freeze prior to full cure time. Cure time is dependent on weather and temperature conditions.

TritoFlex 1K Brush-Grade is typically applied using a brush or trowel. TritoFlex 1K can be installed with fabric reinforcement with polyester fabrics supplied by Triton Inc.

Storage

Store liquid material in areas above 50°F (10°C) at all times. Protect from freezing in shipping and storage.

PHYSICAL PROPERTIES (LIQUID FORM)		
Color	Black	
VOC's	None	
Shelf Life	12 Months	
Solid Content	63%	
Packaging	2 gal./7.6 L or 5 gal./19 L pails	
PHYSICAL PROPERTIES (CURED FORM)	TEST METHOD	TYPICAL VALUE
Color	-	Black
Membrane thickness	-	60 mils (1.5 mm) dry is typical application
Resistance to Ponding	-	Withstands indefinitely
Wind Uplift	FM 4470	1-990 (highest)
Hail Resistance	FM 4470	Severe Hail Rating
Elongation & Recovery	ASTM D412	1100% with 98% recovery
Tensile Strength	ASTM D412	650 psi
Fire Resistance	ASTM E108	Class A
UV exposure 1,000 hrs.	ASTM G155	Excellent, no changes
Water vapor transmission	ASTM E96	0.2 perms
Low temperature flexibility	ASTM D5147	Passes at -20C
Adhesion to Concrete	ASTM D4541	1,200 psi