



InnoviSealTM TPO General Purpose Sealant

Stock #: 6100020

Cartridge size: 10 fl. oz. (305 ml)

Color: White

Packaging: 12 cartridges/box

Coverage rate for a 1/4-inch (6.4 cm) bead:
 240-264 lineal feet (73-80 m) per box
 (20-22 lineal feet (6.0-6.7 m) per cartridge)

All reported values are nominal.

- Excellent adhesion to TPO, metal, wood and concrete.
- Low VOC formulation (<250 g/L) with high solids (84%) content.
- Works with both horizontal and vertical surfaces.

Adheres To a Wide Range of Surfaces

InnoviSeal TPO General Purpose Sealant is elastomer-based and engineered to provide an exceptional seal for a variety of roofing conditions, including over fasteners, at edge conditions and termination bar, at cut edges of TPO membrane, and with general flashing details. Additionally, this sealant can adhere to sheet metal, wood, concrete, brick, and masonry.

System Compatibility

InnoviSeal TPO General Purpose Sealant is intended for use with IKO InnoviTTM TPO Roofing Systems and is approved for use in installations that receive an IKO Diamond Shield Limited Warranty. Building owners, specifiers, roof consultants and roofing contractors are invited to review the InnovTPO System Specifications at www.iko.com/innovi for further information on including this product as part of a complete IKO roofing system.

Resistant to UV, Heat and Moisture

Resistant to cracking and shrinking after application, this sealant is especially suitable where low VOC formulations are required. InnoviSeal TPO General Purpose Sealant can also be feathered in and leveled as applied. This is a significant finishing detail that helps to protect the application from freeze-thaw and helps to extend the life of IKO InnoviTPO commercial roofing systems.

InnoviSeal™ TPO General Purpose Sealant

Installation

1. Surface Preparation:
 - a. Work surfaces should be dry, clean, and free of all contaminants. InnoviPrime TPO Membrane Cleaner may be used to ensure a clean sealing surface. Do not clean surfaces to be sealed with soap and water.
 - b. For best results, prime the area to receive sealant with InnoviPrime TPO Primer or TPO Primer LVOC prior to sealant application.
 - c. Prior to application, ensure that all roofing components are properly installed according to IKO technical requirements.

InnoviSeal TPO General Purpose Sealant is not intended to repair any unsound roofing conditions.
 - d. Installed InnoviFlash TPO Cover Tapes should be allowed to age at least two hours before sealant is installed.
2. Cut the nozzle tube for the desired bead size. The feathering tip may be placed over cut nozzle prior to installing cartridge into caulking gun.
3. Gun a bead of sealant along the exposed edge of the roofing component.
4. Tooling of installed sealant is not required for all applications, but is recommended when sealing cut edges of membrane.
5. Sealant will remain tacky up to one hour and fully cures in about 72 hours. Refer to the IKO Innovi TPO Installation Guide for additional recommendations.

Storage and Shelf Life

Store material in original unopened packaging at temperatures between 40F-110F. (4C-38C). Shelf life is 24 months when stored as recommended.

Typical Physical Properties

PROPERTY	TYPICAL VALUES	TYPICAL VALUES
Color:	White	Visual
Tack- Free Time:	Within 1 hour	ASTM D2377
Cure Rate:	Approx. 72 hours	ASTM D2377
VOC Content:	<250 g/L	ASTM D2369
Weight per Gallon:	11.60 lbs	ASTM D1475
Solids Content	84%	ASTM C681
Flash Point:	50F (10C)	ASTM D56

Application Properties

PROPERTY	TYPICAL VALUES	TYPICAL VALUES
Service Temperature:	-40F to 200F (-40C to 93C)	ASTM D3359
Application Temperature:	20F to 120F (-6C to 49C)	ASTM C 603

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