



InnoviSeal™ TPO Edge Sealant

Stock #: 6100006

Cartridge size: 10.3 fl. oz. (305 ml)

Color: White

Packaging: 12 cartridges/case,
48 cases/pallet

Coverage rate for a 1/4-inch (6.4 mm) bead:
20–22 lineal ft. (6.0–6.7 m)

All reported values are nominal.

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

System Compatibility

InnoviSeal TPO Edge Sealant is intended for use with IKO InnoviTPO Roofing Systems and is approved for use with an appropriate IKO Diamond Shield Limited Warranty. Building owners, specifiers, roof consultants and roofing contractors are invited to review the IKO InnoviTPO 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

InnoviSeal TPO Edge Sealant is elastomer-based and engineered to seal the exposed, cut edges of the TPO membrane. Resistant to cracking and shrinking after application, resulting in an exceptional seal, this sealant is especially suitable where low VOC formulations are required.

Finishing Detail Protects Seam Edges From Freeze-Thaw Fluctuations

When feathered in, InnoviSeal TPO Edge Sealant can be leveled as applied. This is a significant finishing detail that protects seam edges from freeze-thaw and helps to extend the life of IKO InnoviTPO commercial roofing systems.

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Installation

1. Prior to application, ensure that all seams and/or flashings are properly installed according to TPO roof system manufacturer’s guidelines. Innoviseal TPO Edge Sealant is not intended to repair a structurally unsound seam.
2. Cut nozzle tube for desired bead size. Place patented feathering tip over cut nozzle prior to installing cartridge into caulking gun.
3. Gun a 1/4-inch (6.4-mm)-size bead of Innoviseal TPO Edge Sealant along the exposed edge of the membrane seam splice of flashing detail. Note: For best results, prime exposed edge receiving sealant with Innoviseal Prime™ TPO Primer or TPO Primer LVOC prior to sealant application.
4. No tooling of installed sealant is necessary if feathering tip is used. If feathering tip is not used, tool the sealant. Tool the sealant bead so the high point is above the offset of the splice, and the edges are feathered onto the deck.
5. Taped membrane and flashing seams must be allowed to age at least two hours before Innoviseal™ TPO Edge Sealant is installed. This ensures any residual solvent from tape primer has been removed. Sealant will remain tacky up to one hour and will require up to three to four days to fully cure. Refer to the IKO InnoviTPO Installation Guide for additional recommendations.

Storage

Store material in original unopened packaging at temperatures between 40°F and 110°F. (4°C–43°C). Shelf life is 24 months when stored as recommended.

Typical Physical Properties

PROPERTY	TYPICAL VALUES	TEST METHOD
Color:	White	Visual
Weight per Gallon:	11.6 lbs. (5.26 kg)	ASTM D 1475
Tack Free Time:	Within 1 hour	ASTM D 2377
Cure Rate:	Approx. 72 hours	ASTM D 2377
VOC Content:	<250 g/L	ASTM D 2369
Solids Content:	84%	ASTM C 681
Flash Point:	50°F (10°C)	ASTM D 56
APPLICATION PROPERTIES		
Service Temperature:	-40°F to 200°F (-40°C to 93°C)	ASTM D 3359
Application Temperature:	20°F to 120°F (-7°C to 49°C)	ASTM C 603

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