

TPO RESTORATION

# Cool Cover™ TPO Edge Sealant



## DESCRIPTION

H.B. Fuller's patented Cool Cover™ TPO Edge Sealant\* is a high solids, low VOC, elastomer based white edge sealant designed to seal the exposed edges of TPO membrane splices and laps. The sealant has excellent adhesion to TPO membranes as well as various other substrates including EPDM, metal, wood, and concrete. The sealant can be used on TPO as well as EPDM roofing systems. Cool Cover™ TPO Edge Sealant is suitable for use in VOC regulated markets such as California and the O.T.C. States.

## BASIC USE

Cool Cover™ TPO Edge Sealant is designed to seal the exposed edges of TPO membrane roof system splices, T-joints, step downs, tie-ins, termination bars and general flashing details. Utilizing the provided patented feathering tip, Cool Cover™ TPO Edge Sealant can be leveled as applied removing the need for post-application sealant tooling. TPO Edge Sealant is an important finishing detail that functions to protect seam edges from freeze-thaw interactions and extends the life of an installed TPO waterproofing system.

## SURFACE PREPARATION

All work surfaces should be clean, dry, free of dirt, dust, debris, oils, un-adhered coatings, deteriorated membrane and other contaminants that may result in a surface that is not sound or is uneven. If necessary, clean the surface to receive the Edge Sealant with an approved EPDM membrane cleaner.

## STORAGE

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

## COLOR

White

## LIMITATIONS

- Not to be used as a splicing cement between TPO or EPDM membranes.
- Talc, dust, oil, ice, snow, or wet conditions inhibit good adhesion. Clean and dry surfaces are necessary for proper installation of this product.

## SAFETY

Prior to working with this or any adhesive product consult product label and Safety Data Sheet (SDS) for necessary health and safety precautions.

## PACKAGING AND COVERAGE

Millennium EPDM Edge Sealant is available in the following package:

Cartridge Size	Part #	Cartridges/Case
10.3 fl. oz. (300 mL)	CT-6420	12

Coverage rate will be approximately 20 - 22 lineal feet (6.0 - 6.7 m)

## FEATURES

## BENEFITS

Low VOC formula (<250 g/L)	Suitable for use in VOC regulated markets
Excellent adhesion to a variety of substrates (EPDM, metals, wood, and concrete)	Suitable for a wide variety of applications
Resistant to UV light, high heat, and moisture	Long-term durability
High solids content	Resistant to shrinking and cracking
No sag or flow	Suitable for both vertical and horizontal application

CAUTION: All statements and technical information in this document are based on tests or data that H.B. Fuller believes is reliable. However, H.B. Fuller does not warrant or guarantee the accuracy or completeness of this information. The user has sole knowledge and control of factors that can affect the performance of H.B. Fuller's products in the user's intended application. It is the user's responsibility to conduct tests to determine the compatibility of H.B. Fuller's product with the design, structure, and materials of the user's end product and the suitability of H.B. Fuller's product for the user's method of application and intended use. The user assumes all risk and liability arising out of such use.



## APPLICATION

1. Prior to application insure that all seams and/or flashings are properly installed according to TPO roof system manufacturer's guidelines. Cool Cover™ 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 ¼" (6.4mm) size bead of Cool Cover™ 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 Millennium Single-Ply Primer or Millennium Primer 240 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 2 hours before Cool Cover™ TPO Edge Sealant is installed. This insures any residual solvent from tape primer has been removed. Refer to TPO roof system manufacturer's guidelines for additional recommendations. Sealant will remain tacky up to 1 hour and will require up to 3-4 days to fully cure.

## TECHNICAL DATA

Typical Physical Properties and Characteristics		
	Typical Values	Test Method
Color	White	Visual
Weight per gallon	11.60 lbs.	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 (-6°C to 49°C)	ASTM C 603

### NOTE:

The foregoing information is published as general information only. The listed properties and performance characteristics are typical values and are not to be interpreted as manufacturing specifications.



For more information about our company, visit [www.hbfuller.com/roofing](http://www.hbfuller.com/roofing).



Join the Conversation | [www.hbfuller.com/connect](http://www.hbfuller.com/connect)

WARRANTY: H.B. Fuller warrants its products to conform to H.B. Fuller's specifications at the time of sale when tested according to H.B. Fuller standards. If a product is proven to be defective when tested according to H.B. Fuller standards, H.B. Fuller will, at its option, refund the purchase price or replace or repair the defective product. THIS LIMITED WARRANTY IS THE BUYER'S SOLE AND EXCLUSIVE REMEDY AGAINST H.B. FULLER AND IS IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. In no event shall H.B. Fuller be liable for any special, incidental, consequential, or punitive damages arising out of any claims whether based on negligence, contract, warranty, strict liability or otherwise.