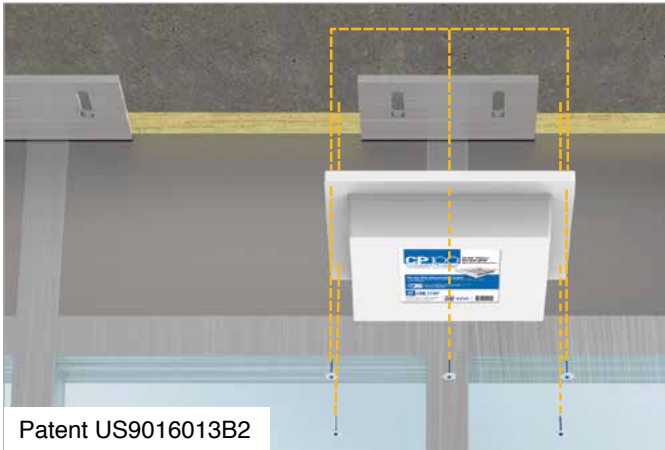




CP100 UNDER MOUNT CONNECTION PROTECTION



Patent US9016013B2

▼ PRODUCT DESCRIPTION

The CP100 is a protective cover molded from high-temperature insulation intended to protect bottom-mounted curtain wall connections for up to 2 hours. These factory-supplied covers provide more reliable performance than field-applied protective systems.

▼ APPLICATIONS

CP100 is designed to provide fire protection curtain wall connection or anchor points located beneath the floor.

▼ SPECIFICATIONS

The factory-supplied curtain wall connection protection system shall be designed for the express purpose of protecting curtain wall connection points and shall be tested according to ASTM E119 (ANSI/UL263) time/temperature conditions for a period of time equal to the floor assembly. It shall be UL Certified and listed in the XHDI category. Corresponding UL Certified perimeter fire barrier systems as published in the XHDG category shall bear reference to the connection protection system. The product shall be SpecSeal(R) CP100 Connection Protection.

▼ PERFORMANCE

CP100 is UL Certified for up to 2 hours when used with systems tested according to ASTM E2307 within the XHDG, "Perimeter Fire Containment" category and XHDI, "Accessories for Perimeter Fire Containment" category.

▼ MAINTENANCE

No maintenance of the device is normally required.

▼ TECHNICAL SERVICE

Technical information including Product Data Sheets, Installation Instructions, applicable UL Classified Systems, Certificates of Conformance, and suggested specifications are available at the company's website (www.stifirestop.com). For all other information, contact the manufacturer directly by dialing (800) 992-1180.

▼ PRECAUTIONARY INFORMATION

This product contains refractory ceramic fiber (RCF). The shell is encapsulated to help mitigate the potential for airborne dust, but cutting may liberate dust. Follow directions and refer to SDS for appropriate handling instructions. The use of this product is subject to local, regional, or national codes. Consult local building official or AHJ regarding any local requirements that may influence the selection or use of this product.

▼ AVAILABILITY

STI Products are available from designated authorized STI distributors. Consult the factory or visit the website (www.stifirestop.com) for the names and locations of the nearest representative or distributors.



For use with UL® Perimeter Fire Containment systems incorporating SpecSeal® Firestop Products U.S. patents apply to this product. For details visit: www.stifirestop.com/patents.

▼ FEATURES & BENEFITS

- Installs in less than 3 minutes
- UL Certified 2 hr. system for connection
- 100% performance: 100% of the time
- Provides visual inspection
- Provides better temperature resistance when compared to SFRM or mineral wool
- Slim profile
- Light weight

▼ PHYSICAL PROPERTIES

Shell Composition	Refractory Ceramic Fiber (RCF) (Consult Safety Data Sheet)
Weight	< 6.5 lbs. (2.94 kg)
Maximum Use Temperature	2300°F (1260°C)
Melting Point	3260°F (1793°C)
Density(lb./ft3)	14 to 18 lb./ft3 (.22 to .29 g/ccm)
Overall Dimensions	16" (406mm) x 20" (508mm) x 5" (127mm)
Maximum Anchor Dimension (Including Bolt Height)	11" (280mm) x 13" (330mm) x 3" (76mm)
Intumescent Expansion At	320°F (160°C)
Fiber Insert	
Thickness	1.0" (25.4 mm)
Density	10 pcf (160 kg/m3)
Non-Combustible	Yes
IARC Content	Group 3: Not classifiable As Carcinogenic to humans (Bio soluble fiber)
Recycle Content	100%
Fiber Melting Temperature	2012°F (1,100°C)

▼ ORDERING INFORMATION

UPC# 730573	Cat. No.	Description	Qty.	Case Qty.	Weight (Ea.)
10000	CP100	Connection Protection - Under Mount Curtain Wall Anchor Protector: 11" (280mm) Deep x 13" (330mm) Wide x 3" (76mm) High *	1	1	6.50 lbs (2.94 kg)

*Custom sizes may be available. Minimum order quantities apply. Contact factory for more specific information on custom sizes.





CP100 UNDER MOUNT CONNECTION PROTECTION

▼ INSTALLATION INSTRUCTIONS

Bolted Installation:

Hardware Required:

- Min 1/4" (6.4mm) by 2" (51mm) long concrete anchor with min 1-1/4" (32 mm) wide by 3/16" (4.8 mm) thick fender washers or equivalent

Installation:

1. Drill clearance holes with 3/16" (4.8 mm) bit at locations marked
2. Supporting the cover against the ceiling and curtain wall insulation, drive in screw anchors

Powder Actuated Nail Gun Installation (Alternate):

Hardware Required:

- Power level 2 or 3 (brass case, brown or green, respectively) low velocity charge, 0.22 caliber
- Min 2" (51 mm) long with 7/8" (22 mm) diameter 16 gaugewashers

Installation:

1. Supporting the cover against the ceiling and curtain insulation, shoot nails in marked locations

Anchor Notch Modification:

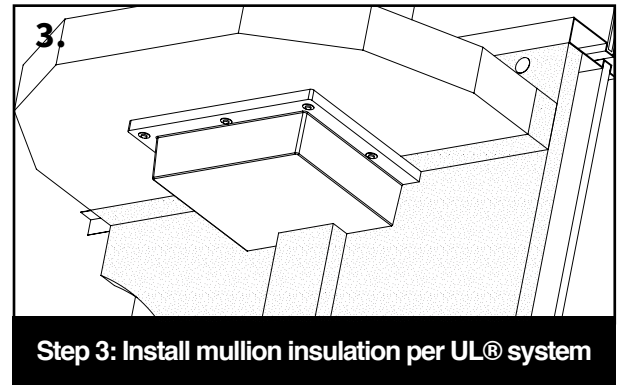
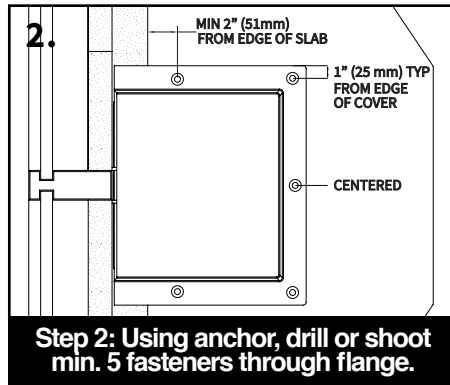
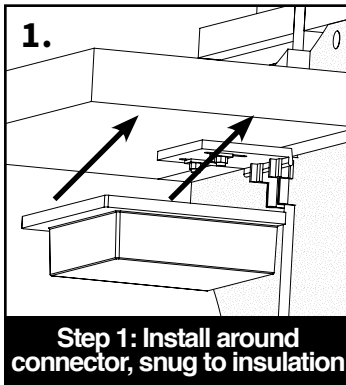
- To adjust notch for thicknesses of greater than 1/2" (12.7 mm), using a utility knife, carefully score to desired depth and width and remove material


Personal Protection Equipment:

- Gloves
- N-95 Rated Dust Mask
- Safety Glasses

Note:

Do Not Cut or Remove Intumescent Wrap Strip.



<p>CP100 Ingredient(s): Refractory Ceramic Fiber (RCF) CAS# 142844-00-6</p>		
<p>Warning Suspected of causing cancer by inhalation.</p> <ul style="list-style-type: none"> • Do not handle until all safety instructions have been read and understood. • Use respiratory protection as required; see section 8 of the Safety Data Sheet. • If concerned about exposure, get medical advice. • Store in a manner to minimize airborne dust. • Dispose of waste in accordance with local, state and federal regulations. • May cause temporary mechanical irritation to exposed eyes, skin or respiratory tract. • Minimize exposure to airborne dust. <p>For a chemical emergency call 1-800-424-9300 STI assistance call 1-800-992-1180 for additional information or SDS visit www.stifirestop.com</p>	<p>Attention Susceptible de provoquer le cancer par inhalation.</p> <ul style="list-style-type: none"> • Ne pas manipuler jusqu'à ce que toutes les consignes de sécurité ont été lu et compris . • Utiliser une protection respiratoire tel que requis ; voir la section 8 de la fiche de données de sécurité . • Si préoccupé par l'exposition , obtenir des conseils médicaux . • Entreposer de façon à réduire au minimum la poussière en suspension . • Éliminer les déchets conformément aux prescriptions locales , état et les règlements fédéraux . • Peut provoquer une irritation mécanique temporaire yeux exposés , la peau ou des voies respiratoires . • Minimiser l'exposition à la poussière en suspension . <p>Pour un appel d'urgence chimique 1-800-424-9300 STI produit d'appel 1-800-992-1180 Pour plus d'informations ou SDS visitez www.stifirestop.com</p>	<p>Advertencia Se sospecha que provoca cáncer por inhalación.</p> <ul style="list-style-type: none"> • No maneje hasta que todas las instrucciones de seguridad tienen ha leído y entendido. • Use protección respiratoria según sea necesario; mira la sección 8 de la ficha de datos de seguridad. • Si preocupado por la exposición , obtener consejo médico. • Tienda de manera de minimizar el polvo en suspensión. • Eliminar los desperdicios de conformidad con las ordenanzas locales , estatales y regulaciones federales . • Puede causar irritación mecánica temporal a ojos expuestos , la piel o el tracto respiratorio. • Reducir al mínimo la exposición al polvo en el aire . <p>Para una llamada de emergencia química 1-800-424-9300 STI de asistencia sobre el producto 1-800-992-1180 Para más información o visita SDS www.stifirestop.com</p> 

IMPORTANT NOTICE: All statements, technical information, and recommendations contained herein are based upon testing believed to be reliable, but the accuracy and completeness thereof is not guaranteed.

LIMITED WARRANTY: STI warrants that its products will be free of defects for one year from the date of purchase. In the event a product does not conform to this warranty, the sole and exclusive remedy is, at STI's option, replacement of the product or refund of the purchase price. The warranty provided herein shall be void and of no effect in the event that the product is not installed in accordance with STI's published instructions, listed systems and applicable building and safety codes. THIS WARRANTY IS IN LIEU OF ALL OTHER REPRESENTATIONS AND EXPRESSED OR IMPLIED WARRANTIES (including the implied warranties of merchantability or fitness for a particular use) AND UNDER NO CIRCUMSTANCES SHALL STI BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LOSSES, INCLUDING, WITHOUT LIMITATION, ANY LOSS OF REVENUE, PROFIT OR USE. Prior to use, the user shall determine the suitability of the product for its intended use, and the user assumes all risks and liability for subsequent use. No person other than an officer of STI is authorized to bind STI to any other warranty for any product for which this warranty is issued.

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Specified Technologies Inc.

Somerville NJ 08876
Phone: 800.992.1180
Fax: 908.526.9623



Technical Service 1-800-992-1180
www.stifirestop.com

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