SpecSeal® CP100 Under Mount Connection Protection

SpecSeal®
CP

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 containment systems as published in the XHDG category shall bear reference to the connection protection system. The product shall be SpecSeal® CP100 Connection Protection.

Specified Divisions

Division 7	07 84 53	Building Perimeter Firestopping
Division 8	08 44 00	Curtain Wall and Glazed Assemblies

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 System" category and XHDI, "Accessories for use in Perimeter-Fire-Containment Systems" category

Maintenance
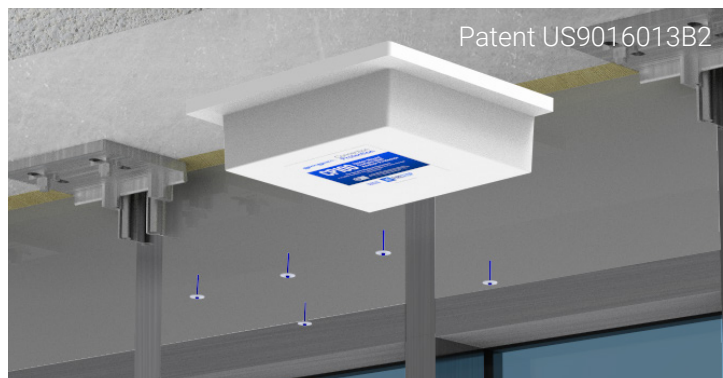
No maintenance of the device is normally required.

UL CERTIFIED SAFETY US-CA R14579

UL CLASSIFIED C US

System Selection

To find your firestop system or create a submittal, visit https://systems.stifirestop.com/ to use System Search & Submittal Builder. You may also visit the UL Online Certifications Directory/UL Product iQ™ for complete listings. (Firestop Systems).

Technical Service

Specified Technologies Inc. provides toll free technical support to assist in product selection and appropriate installation design. UL System designs suitable for submittal or specification purposes are available on request. A complete library of technical information is provided at the company's website www.stifirestop.com including Safety Data Sheets (SDS's).

Patent US9016013B2

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	Less than 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 (0.22 to 0.29 g/ccm)
Overall Dimensions	16" x 20"x 5" (406 mm x 508 mm x 127 mm)
Maximum Anchor Dimension (Including Bolt Height)	11" x 13" x 3" (280 mm x 330 mm x 76 mm)
Intumescent Expansion At	320°F (160°C)

PHYSICAL PROPERTIES - 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	2,012°F (1,100°C)

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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 Safety Data Sheet (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 Specified Technologies Inc. (STI) authorized distributors. For additional purchasing and technical information or for the names and locations of the nearest representative and/or distributor, regarding this and other Specified Technology products, please call 1-800-992-1180 or visit www.stifirestop.com.

ORDERING INFORMATION					
Catalog Number	UPC Number	Description	(UOM) Qty.	Case Qty.	Weight (Each)
CP100	730573100004	Connecton Protection - Under Mount Curtain Wall Anchor Protector	1	1	8.53 lbs (3.87 kg)

IFC MEMBER

STI® Specified Technologies Inc.