



A CSW Industrials Company

PRODUCT DATA SHEET

METACAULK® CAST-IN-PLACE DEVICE (CID)

Firestop for Through Floor Penetration

Description

Metacaulk Cast-In-Place Device provides through floor penetration firestop protection for both plastic and metal pipes and all types of cabling.



Applications

Single component Metacaulk Cast-In-Place Device, approved for use with a multitude of penetrating items. Will prevent the spread of fire from through-penetration services in concrete floors. Installs prior to concrete pour. Casts directly into the concrete to form an embedded intumescent service supply.

Characteristics | Features

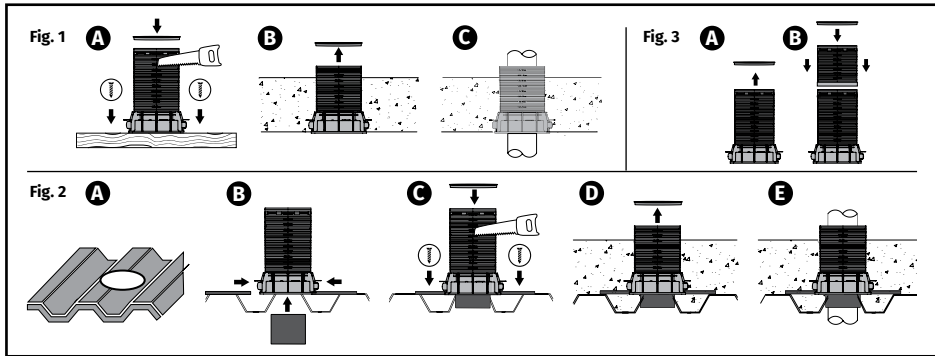
- Integral intumescent firestop
- UL Classified systems up to 3 hrs
- Eliminates drilling of concrete
- Reduces labor time
- Tested in accordance with ASTM E814 (UL 1479)
- Assembled in the USA

Packaging

Code	Size	Qty. per Case	Dimensions (in)	Cubic Feet
67202	2-inch device (8-in. height)	12	9.19" x 12.19" x 16.88"	1
67203	3-inch device (8-in. height)	12	11.69" x 16.19" x 17"	2
67204	4-inch device (8-in. height)	12	14.31" x 19.83" x 16.88"	3
67206	6-inch device (8-in. height)	6	19.83" x 28.5" x 8.63"	3
67232	4-in. extension for 2-in. device	6	7.09" x 10.63" x 5.12"	.22
67233	4-in. extension for 2-in. device	6	9.45" x 14.17" x 5.12"	.40
67234	4-in. extension for 2-in. device	6	11.81" x 17.72" x 5.12"	.62
67236	4-in. extension for 2-in. device	6	15.75" x 23.62" x 5.12"	1
67222	2-inch device adapter & 4-in extension	6	7.09" x 10.63" x 5.12"	.22
67223	3-inch device adapter & 4-in extension	6	9.45" x 14.17" x 5.12"	.40
67224	4-inch device adapter & 4-in extension	6	11.81" x 17.72" x 5.12"	.62
67226	6-inch device adapter & 4-in extension	6	15.75" x 23.62" x 5.12"	1

Installation Data

Metacaulk Cast-In-Place Device is pre filled and very easy to install.



CID INSTALLATION

Step 1 Select CID to fit the diameter of penetrant being used, assuring annular space is within limits set by the tested conditions. Lay out the CID on concrete forms and secure by nailing or screwing through fastening holes on the bottom of the flange. CID Alignment connectors allow tight placement of multiple penetrations. If finished concrete is lower than the height of CID, cut to finished pour height. Use appropriate non-heat generating cutting tool to cut CID to the desired height. Fig. 1 (A).

Step 2 Before pouring concrete, ensure top cap of CID is secure to prevent the flow of concrete into the CID during the concrete pour. Fig. 1 (A).

Step 3 Once the concrete is cured, remove the CID cap to use CID. Fig. 1 (B).

Step 4 CID Is ready to use, insert the desired penetrant through. Fig. 1 (C).

METAL ADAPTER INSTALLATION

Step 1 For metal decking applications, cut hole in the corrugated metal deck to CID size to be used. Fig. 2 (A).

Step 2 Use metal deck adapter kit to install CID by attaching deck support to bottom flange then insert extension tube into the bottom of CID. Fig. 2 (B).

Step 3 Insert extension tube through the precut hole in decking and fasten decking supports to deck with screws. Ensure extension is sealed to prevent leakage of concrete through decking. Fig. 2 (C). If finished concrete is lower than the height of CID, cut to finished pour height. Use appropriate non-heat generating cutting tool to cut CID to the desired height. Before pouring concrete, ensure top cap of CID is secure to prevent the flow of concrete into the CID during the pour. Fig. 2 (C).

Step 4 Once the concrete is cured, remove the CID cap to use CID. Fig. 2 (D).

Step 5 CID Is ready to use, insert the desired penetrant through. Fig. 2 (E).

CID HEIGHT EXTENSION INSTALLATION

Step 1 Remove CID cap from the device. Insert appropriate size CID extension(s) onto CID aligning connector tabs from CID with extension receiving slots. Fig. 3 (A).

Step 2 Attach additional extensions to reach desired height and place CID cap back on before pouring concrete. Fig. 3 (B).

Testing Data

Metacaulk Cast-In-Place Devices are classified by Underwriters Laboratories as a Firestop Device. For specific test criteria, see the UL Fire Resistance Directory or call RectorSeal. Metacaulk Cast-In-Place Devices were tested at a minimum .01 inches (2.5 Pa) of water positive pressure in accordance with ASTM E814 (UL 1479) test standards. Tested to the time-temperature requirements of ASTM E119 (UL 263). Tested to CAN/ULC S115 (Fire Tests of Firestop Systems) test standards. Complies to Required Environmental Exposure Testing of Accelerated Aging and High Humidity as per UL 1479 Fire Test of Through-Penetration Firestops.

Material Properties

Asbestos Fillers	None
Solvents	None
Hazardous Ingredients	None

Activation of Intumescence:

Expansion Begins	375°F (190°C)
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FBC System Compatible indicates that this product has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® pipe and fittings. FBC™, FlowGuard Gold®, BlazeMaster® and Corzan® are licensed trademarks of the Lubrizol Corporation.

Storage & Handling

Metacaulk Cast-In-Place Device should be stored in a dry place. Keep product stored under protective cover in original container.

Availability

Metacaulk Cast-In-Place Devices are available for 2" (50.8mm), 3" (76.2 mm), 4" (101.6 mm), and 6" (152 mm) trade diameter.

For additional technical service,
call: 713-263-8001 or 1-800-231-3345
fax: 713-263-7577 or 1-800-441-0051

Limitations

Not for use in outdoor environments where long-term exposure to rainfall or saltwater spray may occur. No other limitations known if used as directed.

Limited Warranty

RectorSeal, LLC makes the Limited Express Warranty that when the instructions for storage and handling of our products are followed we warrant our products to be free from defects. THIS LIMITED EXPRESS WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND OF ANY OTHER OBLIGATION ON THE PART OF RECTORSEAL, LLC. The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and RectorSeal, LLC shall not be liable for incidental or consequential damages.

Suggestions and recommendations covering the use of our products are based on our past experience and laboratory findings. However, as we have no control as to the methods and conditions of application, we only assume responsibility for the uniformity of our products within manufacturing tolerances.



Manufactured by **RectorSeal® LLC • 2601 Spenwick Drive, Houston, TX 77055, USA • 800-231-3345 • Fax 800-441-0051 • rectorseal.com**

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