PRODUCT DATA SHEET

Metacaulk® Pass-Thru Device

Classified Through-Penetration Fire Stop System Numbers
CAJ0132, CAJ1603, CAJ2628, CAJ3304, CAJ3306, CAJ3308, CAJ8201, WL1456, WL3354, WL8089

CLASSIFIED
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1. Product Description

Metacaulk® Pass-Thru Devices are pre-firestopped and are designed to allow electrical, data or communication cablesand pipes to penetrate fire-rated floors and walls. They consist of a square or round section steel sleeve which contains intumescent material. When exposed to heat, intumescent materials expand to form a insulating char plug which restricts the spread of flame, toxic gases, smoke and water. Each device is supplied with 2 end plugs which are inserted after the cable or pipe has been installed to reduce smoke leakage. The devices have an excellent "L" air leakage rating The devices can be opened for easy installation, retrofit or removal of cables. The devices are installed using specially designed mounting brackets which clamp onto the device and require no additional attachment to the wall or floor.

Metacaulk® Pass-Thru Device Features

• Easy to install and change cables

• Simplifies retrofit & multiple applications

• Ideal for future expansion

• For use in concrete floors & walls, drywall & wooden floors

2. Material Properties

Dimensions	2.5" x 2.5"
	4" x 4"
Length	10"
Shell construction	22 gauge steel

Activation of Intumescence:

Expansion Begins	375˚F (190˚ C)
Expansion Greatest	575˚ (302˚ C) to 1100˚F (593˚ C)

3. Applications

Metacaulk® Pass-Thru Devices are used to seal cables or pipes that penetrate thru 1 and 2 hour fire-rated walls and floors. Suitable for most types of construction including concrete floors, concrete walls, concrete block walls and gypsum drywall, and rated wooden floors. Individual devices can be assembled together to form double, triples and sixplex units using mounting brackets (purchased separately). Ideal for use in data, communications and electrical supply cables.

4. Installation Data

New Cabling Installations

1. Select the size of Pass-Thru Device required.
2. Cut or form a suitable size opening in the floor or wall, ensuring that any annular space between the Pass-Thru device and the opening is within the limits defined by the tested systems.
3. Slide the Pass-Thru device into the previously formed opening, making sure that it is positioned centrally within the thickness of the floor or wall, ensuring that an equal length protrudes from either side of the opening.
4. Pass-Thru Devices are installed using friction fitted Mounting Brackets. Using the correct size Mounting Bracket, open bracket and fit over each end of the Pass-Thru device (i.e. 1 bracket on each side of wall). Slide each bracket until it is flush with the wall or floor.
5. Fit the supplied fasteners thru the pre-formed holes in the open corner of each bracket and tighten securely in position. Ensure

that Mounting Brackets are correctly fitted on BOTH SIDES of wall or floors. Once the mounting brackets are secured in position on the Pass-Thru Devices, they DO NOT need to be separately fixed to the wall or floor.
6. Remove the supplied end plugs and pass the cables or pipes through the Pass-Thru device as required. Install end plugs and re-fit into both ends of Pass-Thru Device around the cables or piping.

Existing Cable Installations

1. Select the correct size of Pass-Thru Device to suit the existing opening. If necessary enlarge the opening to allow for installation, ensuring that any annular space between the Pass-Thru Device and the opening will be within the limits defined by the tested systems.
2. Remove the top of the Pass-Thru Device and the supplied end plugs. Fit the device around the existing cables or pipes and replace the top.
3. Slide the Pass-Thru Device along the pipe or cable into the opening, making sure that it is positioned centrally within the thickness of the floor or wall, ensuring that an equal length protrudes from either side.
4. Pass-Thru Devices are installed using friction fitted Mounting Brackets. Use the correct size Mounting Bracket. Open bracket and fit over each end of the Pass-Thru Device (i.e. 1 bracket on each side of wall). Slide each bracket until it is flush with the wall or floor.
5. Fit the supplied fasteners thru the pre-formed holes in the open corner of each bracket and tighten

securely in position. Ensure that Mounting Brackets are correctly fitted on BOTH SIDES of wall or floors. Once the mounting brackets are secured in position on the Pass-Thru Devices, they DO NOT need to be separately fixed to the wall or floor.

6. Install end plugs and re-fit into both ends of Pass-Thru Device around the cables or piping.

Consult UL Directory for complete instructions and system listings.

5. Testing Data

Metacaulk® Pass-Thru Devices are classified by Underwriters Laboratories, tested in accordance with ASTM E814 and UL 1479. For specific test criteria, see the UL Fire Resistance Directory or call RectorSeal.

6. Storage & Handling

Metacaulk® Pass-Thru Devices should be stored in a dry place and stored in original container.

7. Availability

Metacaulk® Pass-Thru Devices are available in 2 1/2" & 4" square and 2" & 4" round sizes.

8. Limitations

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

9. Cautions

KEEP OUT OF REACH OF CHILDREN.

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10. LIMITED WARRANTY