



# Fire Barrier

## Cast-In Device - 2 and 3 hour



### Product Data

#### 1. Product Description

3M™ Fire Barrier Cast-In Device (3M CID) is a one piece plastic body assembly with many unique features. The 3M CID is available for plastic and metal pipes.

3M Plastic CID assembly contains 3M Interam™ Ultra GS intumescent wrap, a flexible smoke and water resistant seal and a unique retaining system.

3M Metal CID assembly contains a patented firestop design with 3M Interam Ultra GS intumescent wrap incorporating plastic wrap and a flexible smoke and water resistant seal.

Both assemblies feature easily adjustable bodies that can be adopted to concrete height, before or after pour, with only a pliers.

3M CID is used primarily in new installations and is designed to accommodate concrete thickness as small as 2-1/2 in. and pipe sizes from 1-1/2 in. to 4 in. at this time.

3M CID achieves up to 3 hr. F and T Ratings when tested by Underwriters Laboratories, Inc. in accordance with ASTM E 814 (UL 1479).

#### 3M Fire Barrier CID Features

- Easy installation, annular space allows for easier pipe installation

- Pipes may be installed from top or bottom of floor.
- Easily adjusted body height, from 2-1/2 in. to 8 in.
- Red color-easily identified as a fire rated device.
- Color coded caps and retainers allow quick identification of device type. White for plastic. Black for metal.
- Proven patented technology.
- Factory made, assures consistent quality.
- UL Classified, universally recognized.

#### 2. Applications

The 3M Fire Barrier Cast-In Device (3M CID) is used to firestop ccPVC, PVC, CPVC, FRPP, ccABS and ABS pipes penetrating fire rated concrete floors up to 3 hrs. It may be applied to drain, waste and vent or closed pipe systems. See manufacture's instruction sheet supplied with each device for exact type of pipes covered and hourly ratings.

#### 3. Physical Properties

See Attached Tables

#### 4. Specifications

Installation shall be in strict accordance with manufacturer's written instructions, as shown on approved shop drawings.

The device shall also be classified by Underwriter's Laboratory Inc. as a through-penetration firestop device when tested in accordance to ASTM E 814 (UL 1479) for up to a 3 hr. rating.

All penetrations must be firestopped with a UL Classified System or device as listed in current UL Fire Resistance Directory or have approved shop drawings prior to installation.

Suitability for the intended application should be determined prior to installation.

#### 5. Performance

- UL test per ASTM E 814 (UL 1479)
- UL Classified for 2 and 3 hour fire (F) rating, 1 and 3 hour temperature (T) rating. See UL Fire Resistance Directory under Through-Penetration Firestop Device (XHCR) R9629(N)

#### 6. Installation

Refer to Installation Instructions for 3M Fire Barrier Cast-in Firestop Device. The back page shows a typical installation.

#### 7. Maintenance

3M Fire Barrier Cast-in Firestop Devices are stable under normal storage conditions. Normal stock and stock rotation practices are recommended.

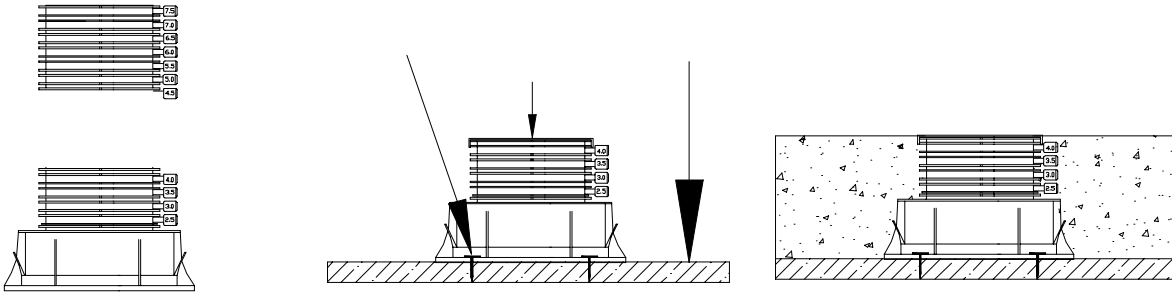
## 8. Purchase Information

3M Fire Barrier CID is available from 3M Authorized Fire Protection Distributors. For information on where to buy, go to [www.3m.com/firestop](http://www.3m.com/firestop) or call (800) 328-1687.

## 9. Safe Handling Information

Consult Material Safety Data Sheet prior to handling and disposing of 3M Fire Barrier CID.

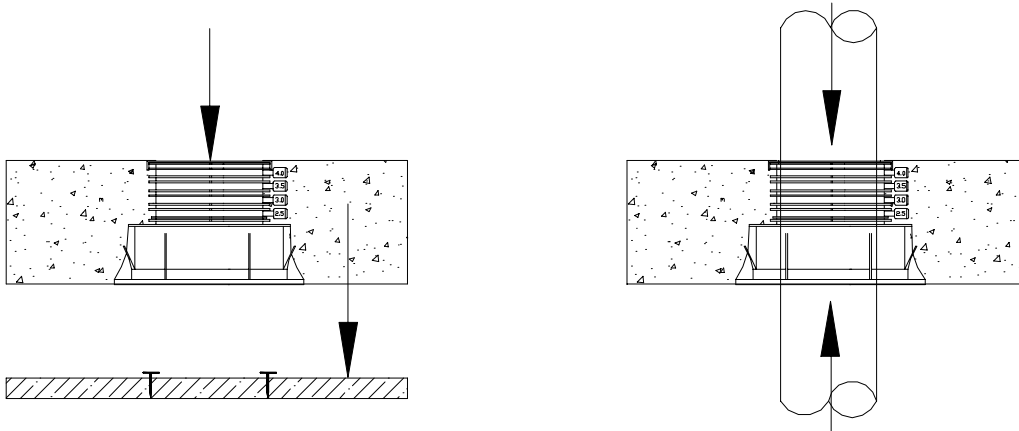
## Typical Installation



Step 1: Adjust to concrete pour depth

Step 2: Place, attach and cap

Step 3: Pour concrete



Step 4: Remove form and knock out cap

Step 5: Install pipe

**Warranty and Limited Remedy.** This product will be free from defects in material and manufacture for a period of ninety (90) days from date of purchase. **3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's method of application. If this 3M product is proved to be defective within the warranty period stated above, your exclusive remedy and 3M's sole obligation shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product.

**Limitation of Liability.** Except where prohibited by law, 3M will not be liable for any loss or damages arising from the use of this 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.

# 3M

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