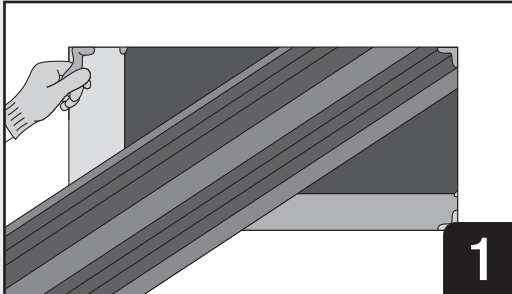


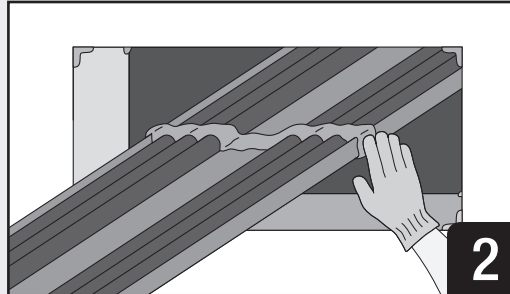
# Installation Guide

August 2015

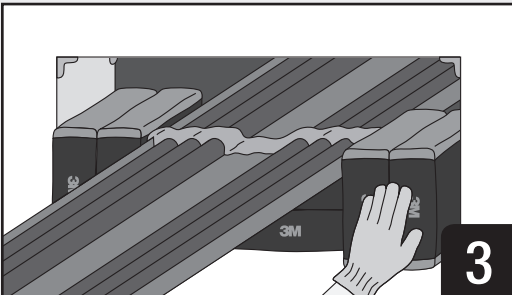
## 3M™ Fire Barrier Pillows and Self-Locking Pillows



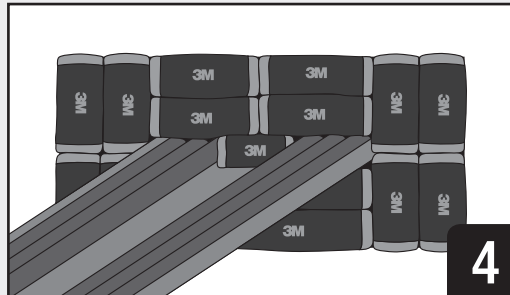
1 Apply a 12mm diameter bead of 3M™ Fire Barrier Moldable Putty Stix MP+ into each corner of the opening, extending a distance of minimum 30mm along each edge.



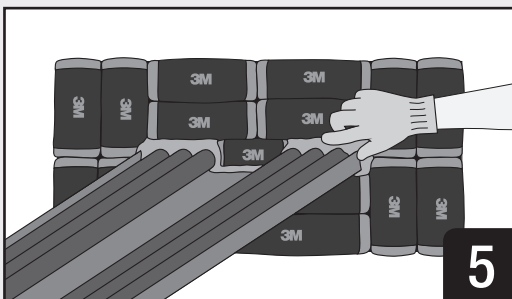
2 Firestop through-penetrants appropriately as per system specifications (e.g., wrap strips around non-metallic pipes, putty around cables).



3 Install 3M™ Fire Barrier Pillows or Self-Locking Pillows, starting along one side of the opening using the largest size possible. Pillows should be tightly butted, with a minimum of 25% compression from their original thickness, and installed with the 3M logo facing out such that the longest length projects through the opening. Pillow should be centered through the opening where applicable.



4 Fill the opening with additional rows of compressed, tightly butted pillows. Tightly pack the pillows around the through-penetrants, using a combination of available sizes to get the best seal.



5 Seal any gaps with a minimum 25mm depth of 3M™ Fire Barrier Moldable Putty MP+.

# Installation Guide

This installation guide highlights requirements for 3M™ Fire Barrier Pillows and Self-Locking Pillows for firestopping general through-penetration applications. This guide is intended only to highlight general steps or methods and is not intended to describe all details and requirements. System specifications should comply with local and federal regulations. Examples of system specifiers include UL, Intertek, and European Technical Approvals and Assessments. Installer should confirm that the field conditions (such as opening size, pipe size and material, insulation type and thickness, and annular space) comply with the system specifications.

---

## Repair Procedure in Case of Damage

Damaged seals shall be removed and replaced.

---

## Precautionary Information

Refer to product label and Safety Data Sheet for health and safety information before using the product.

For information please contact your local 3M Office. [www.3M.com/SDS](http://www.3M.com/SDS)

### Important Notice to User:

**Technical Information:** The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

**Product Use:** Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

**Warranty and Limited Remedy:** 3M warrants that each 3M Fire Protection Product will be free from defects in material and manufacture for 90 days from the date of purchase from 3M's authorized distributor. 3M MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If a 3M product does not conform to this warranty, the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

**Limitation of Liability:** Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted.



### 3M Industrial Adhesives and Tapes Division

3M Center, Building 225-3S-06  
St. Paul, MN 55144-1000  
1-800-328-1687

[www.3M.com/firestop](http://www.3M.com/firestop)

3M is a trademark of 3M Company. © 3M 2015. All rights reserved.