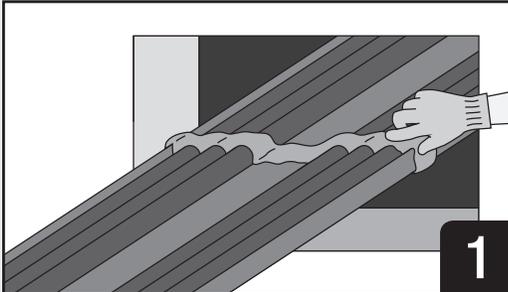


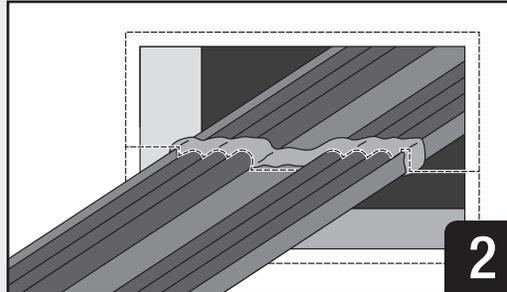
Installation Guide

August 2015

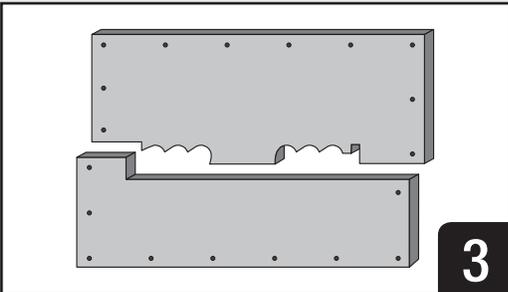
3M™ Fire Barrier Composite Sheet CS-195+



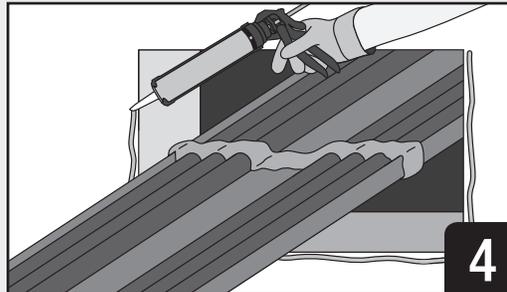
1
Install appropriate 3M™ Fire Barrier product to firestop around penetrants as needed per system specs.



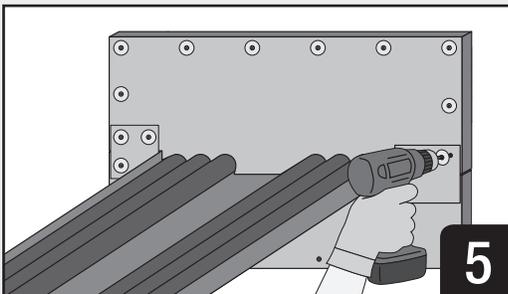
2
Measure the aperture size and cut the 3M™ Fire Barrier Composite Sheet CS-195+ to size such that it overlaps past the opening 50mm on each edge. Sheet should be cut to follow the contours of the penetrants as closely as possible.



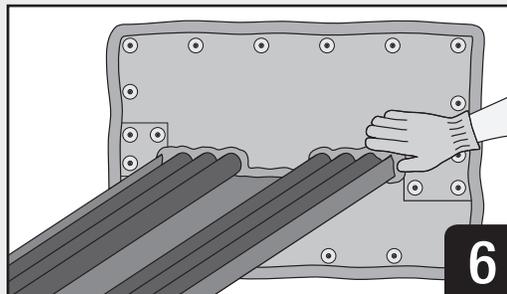
3
Mark and pre-drill fastener positions in the Composite Sheet, ensuring that each fastener is 25mm from each corner and the maximum spacing between fasteners does not exceed 150mm.



4
Apply a bead of sealant or putty on the faces of the floor/wall around the opening, 25mm from the edges.



5
Install Composite Sheet over the opening with the steel sheet side facing out and secure using appropriate fasteners. Seal any joints between adjacent sheets using a 50mm wide steel cover strip fastened with steel self-tapping screws and sealant.



6
Seal any gaps around penetrants using appropriate 3M™ Fire Barrier Sealant or 3M™ Fire Barrier Moldable Putty.

Installation Guide

This installation guide highlights requirements for 3M™ Fire Barrier Composite Sheet CS-195+ 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

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