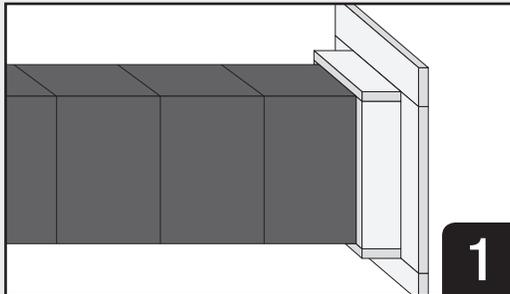


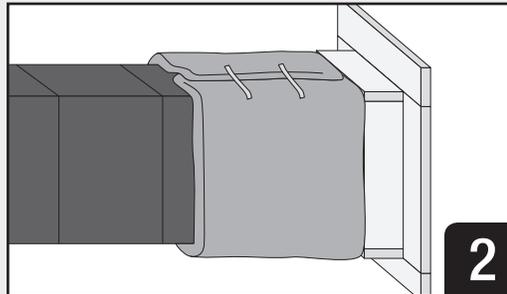
Installation Guide

June 2015

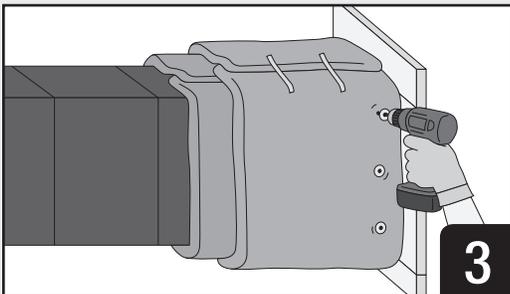
3M™ Fire Barrier Duct Wrap 615+



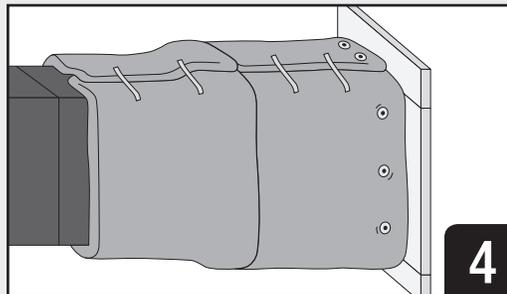
1
At the opening, install a penetration seal collar constructed of PROMATECT®-L500 board as per Item 7a of ETA 13-1061, either on the top surface of the floor or on both sides of the wall.



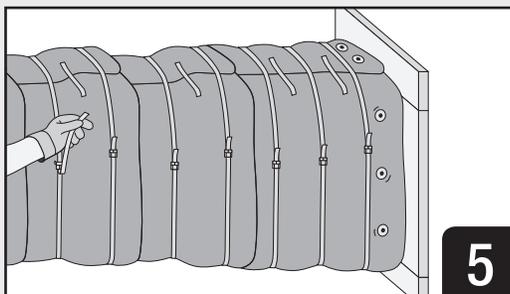
2
At the opening, install 3M™ Fire Barrier Duct Wrap 615+ in a single width wrap around the duct, tightly butted up to the collar. Overlap the cut edge a minimum of 100mm. Close all cut edges with 3M™ Aluminum Foil Tape. Duct wrap may be temporarily retained with 19mm wide filament tape.



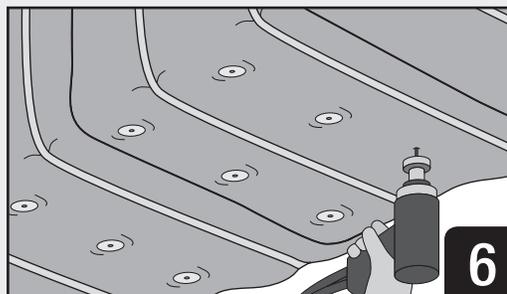
3
Install a second layer, fully overlapping the first and onto the collar. Overlap the cut edge a minimum of 100mm. Close all cut edges with 3M™ Aluminum Foil Tape. Duct wrap may be temporarily retained with 19mm wide filament tape. Secure second layer to collar on all four edges using 45mm drywall screws with 30mm washers, 225mm on center.



4
Install subsequent sections of wrap so as to overlap the previous section a minimum of 100mm and onto the cut edge a minimum of 100mm. Close all cut edges with 3M™ Aluminum Foil Tape. Duct wrap may be temporarily retained with 19mm wide filament tape.



5
Tightly clamp steel retention bands around duct wrap at mid width of overlapping sections and at mid width of each duct wrap section.



6
Install retention pins on either the underside (horizontal applications) or a single wide side (vertical applications) midway between retention bands. A minimum of three pins to be used, one centrally and two 350mm on center, no more than 170mm from the duct edge.

Installation Guide

This installation guide highlights requirements for 3M™ Fire Barrier Duct Wrap 615+ for firestopping shaft alternative ventilation and other safety duct 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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3M Industrial Adhesives and Tapes Division

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

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