

Thermafiber[®] Safing Insulation

Fire Resistant Mineral Wool Safing Insulation for
Openings and Perimeter Fire Containment Systems



Safing Insulation

Thermafiber[®] Safing Insulation is designed to provide fire protection in perimeter fire containment systems, floor and wall penetrations, construction joints, and other firestopping applications.

Step 1

Cut Safing batt into sections a minimum 4" wide. See Figure 1.

Step 2

Stack cut sections to a thickness that is a minimum of 25% greater than the width of the linear gap between the boundary surfaces of the joint (See Figures 2, 3 and 4). The purpose of a stacked thickness greater than the linear opening width is to achieve a minimum 25% compression and tight friction fit after installation. (See Figure 1).

Step 3

The stacked Safing insulation is rotated, compressed in the thickness direction, and inserted cut edge first into the linear gap between wall surfaces (See Figures 2, 3 and 4), such that its surface is flush with the window or door opening.

NOTE: Correct installation is to install compressed in the batt thickness direction, not the batt width direction. See Figure 2.

Step 4

The length of Safing Insulation, window openings can be any length convenient for handling, often the 4' as manufactured length.

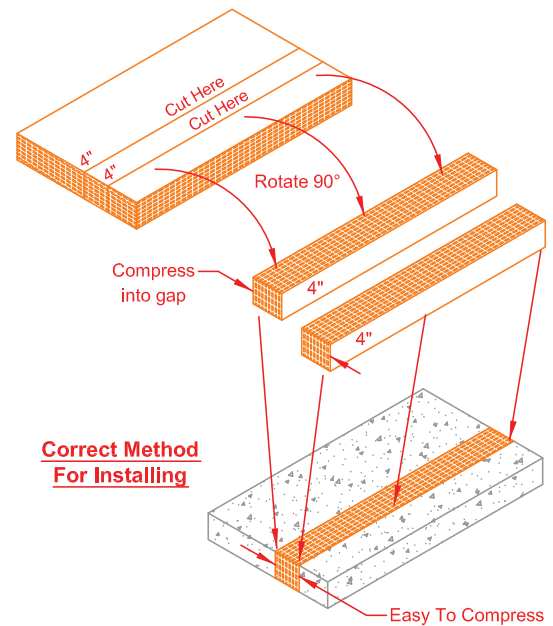
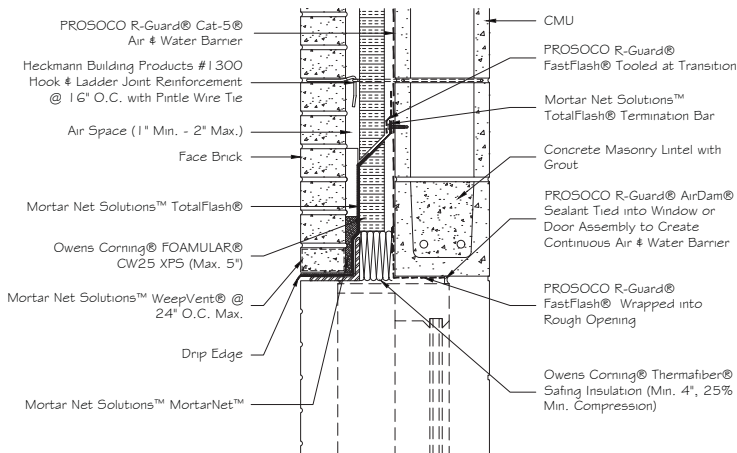


Figure 1: Safing Cutting and Stacking Diagram



Figure 2: Correct compression installation around an opening in a wall with masonry veneer over CMU structural backup



For additional job specific details and accessory materials to complete the building envelope air barrier such as window to wall, roof to wall, foundation to wall, and for the air barrier membrane transition to other components please visit www.prosoco.com.

Figure 3: Opening Head with Fire Safing Closure

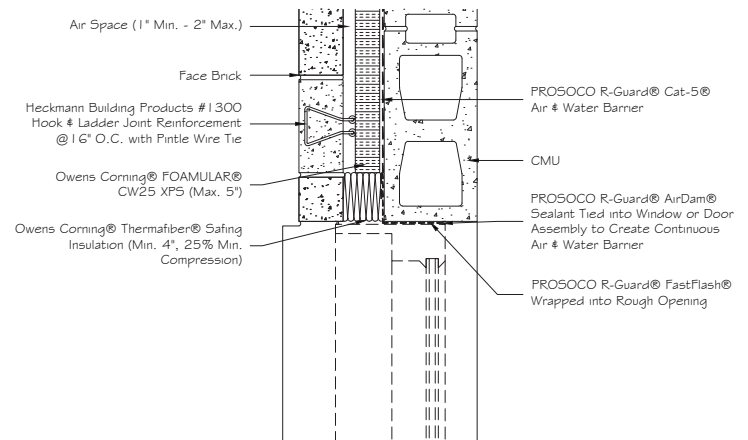


Figure 4: Opening Jamb with Fire Safing Closure

The CavityComplete™ Concrete Masonry Unit (CMU) Wall System excludes the masonry veneer and concrete masonry units. A detailed list of the components is available at www.CavityComplete.com.