

900 Series Installation Instructions

Reactofire Mineral Wool & Silicone Sealant Fire Barrier System

Fire Barrier Systems: 925/921

Material must be stored in a clean, dry location.

Surface Preparation

Verify that structural gap is in conformance with submittal data prior to commencing work. Substrate should be sound and clean. If necessary, remove dust with compressed air and clean substrate with water to remove any remaining contaminants. Surface should be completely dry before proceeding with installation.

General Instructions

Wear heavy-duty work gloves and eye protection during the entire installation procedure. Cured sealant is very difficult to remove without damaging the substrate, so it is recommended that adjacent surfaces be masked off. Masking tape should be removed immediately after installation.

Packing

Mineral wool batts come in various widths. Each batt is 4" deep by 4'-0" long. Use the following chart to determine Mineral Wool and Silicone Sealant coverages.

Width of Structural Gap	Mineral Wool		
1" (25mm) - 1½" (38mm)	2"		
1½" (38mm) - 2¼" (56mm)	3"		
2¼" (56mm) - 3" (75mm)	4"		

Coverage (Installed ¼" thick)	LF/1" Jt	LF/2" Jt	LF/3" Jt
28.7oz. Cartridge	17LF	8.5LF	5.6LF
2.63 US Gallon Pail	205LF	102LF	68LF

Installation

Starting at one end of the structural gap, compress mineral wool 25% - 33% and insert in to the gap with the top of the mineral wool recessed ¼" (6mm) from the top of the gap or blockout edge. Compress tightly to end substrate. Butt succeeding sections against the preceding leaving no voids. Compressed mineral wool is friction held in the structural gap.

For horizontal joints, install ¼" (6mm) depth of Self Leveling Silicone Sealant on top of the mineral wool. Ensure that the sealant makes a positive bond to both faces of the structural joint leaving no voids.

For vertical joints, tool ¼" (6mm) depth of Gun Grade Silicone Sealant on the top face of the mineral wool. Ensure that the sealant makes a positive bond to both faces of the structural joint leaving no voids.

The Fire Barrier system has now been successfully installed. Clean adjacent surfaces immediately while sealant is still uncured. Install the Architectural Joint System over the fire barrier in accordance with manufacturers instructions.

