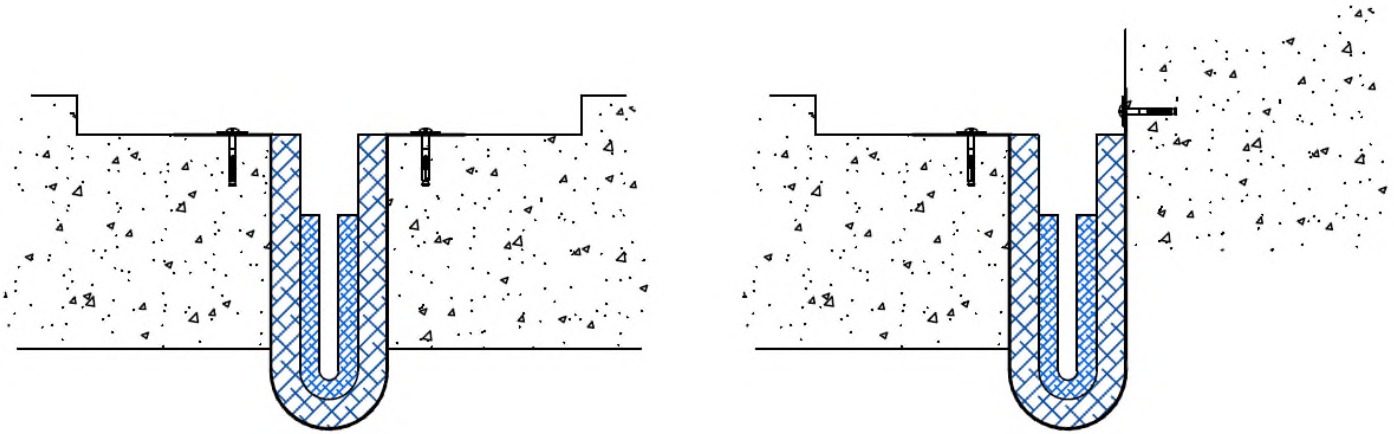


Installation Procedure

Last Updated: March 2, 2021



Wabo® FlameGuard II – HFG & HFG-C 2”

Fire Barrier Systems for Expansion Joints

The following installation procedure is very important and must be fully understood prior to beginning any work. To ensure proper installation and performance of expansion joint system the following actions must be completed by the installing contractor. **Failure to do so will affect product warranty.**

- 1) Carefully read and understand installation procedure. Contact WBA's Technical Service Department at (800) 677-4922 for product assistance.
- 2) Inspect all shipments and materials for missing or damaged components and hardware. Contact Customer Service at (800) 677-4922 with WBA's order number and invoice for prompt assistance.
- 3) Inspect substrate or adjacent construction for acceptance before beginning work. Report unacceptable construction to the project manager for scheduled repair work.
- 4) Review WBA shop drawings for project specific detailed information if Engineering services were purchased at time of order.

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WBA P/N #20223



Health & Safety

During the installation of any Watson Bowman Acme product, appropriate personal protective items should be worn at all times, including but not limited to the following:

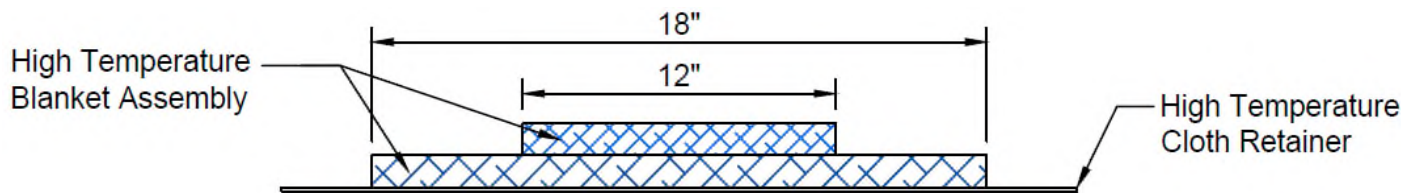
- Proper work clothing
- Safety glasses
- Safety boots
- Gloves
- Hard hat



Local rules and regulations regarding safe work environments and health should be followed.

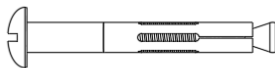
Product Components

The following are standard components for the floor condition:

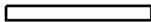


Flameguard II 2" Floor Assembly
(For size and p/n refer to chart)

Model #	Part # 4 hr
HFG-204	HFG204



1/4" X 1 1/2" Concrete
Sleeve Anchor
Part Number - #6911



1/4" Flat Washer
Part Number - #7473



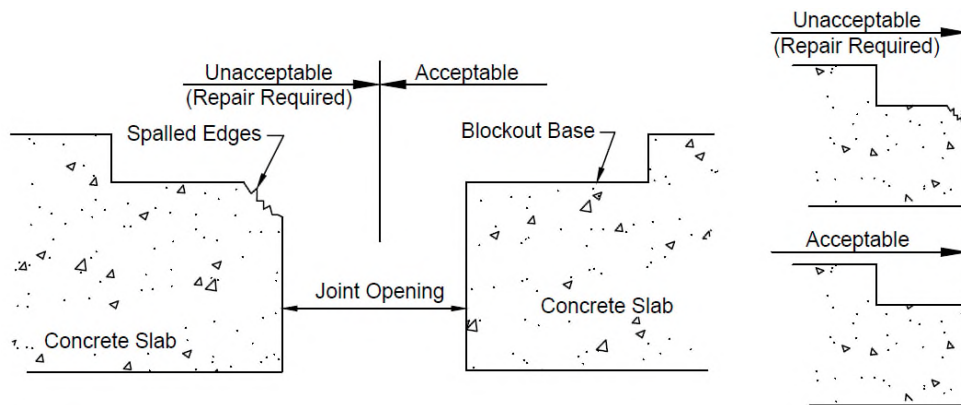
Hilti CFS-S SIL GG Sealant
Part Number - #2861

Installation

1

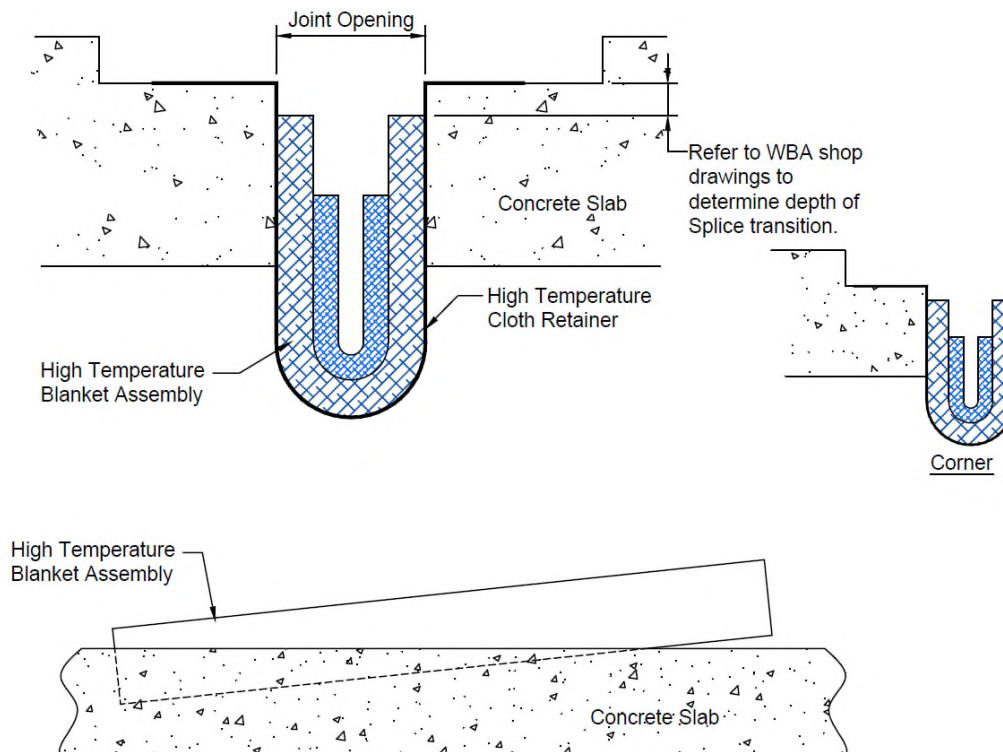
Prepare concrete blockout for installation of fire barrier. Deficiencies in blockout base and spalled edges must be corrected prior to beginning work.

Note: Contractor to repair any spalled edges with a Repair Material approved by the Buildings Structural Engineer.



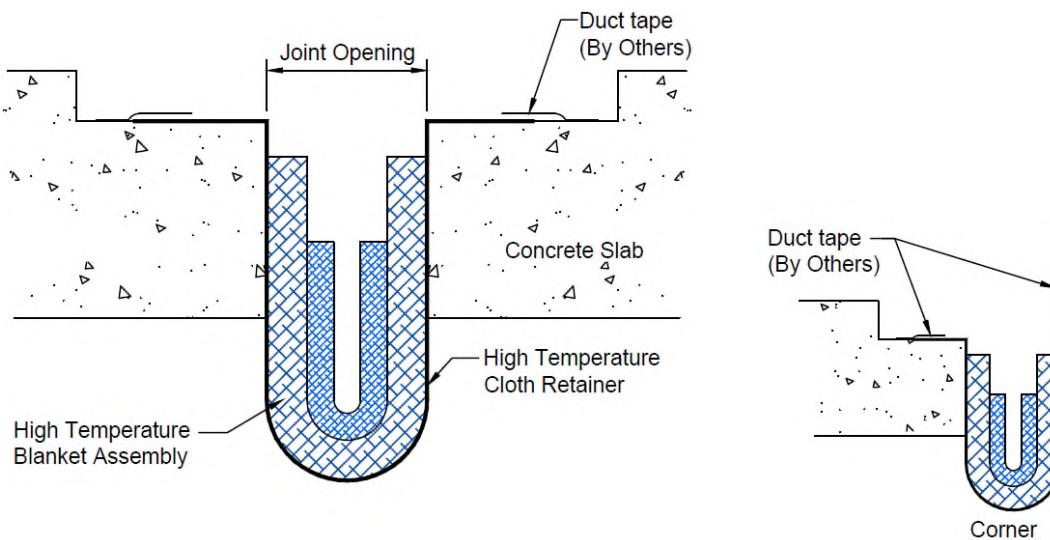
2

Squeeze fire barrier assembly together and slowly insert into joint opening. For easiest installation, it is best to start at one end of the fire barrier section and work your way down the section.



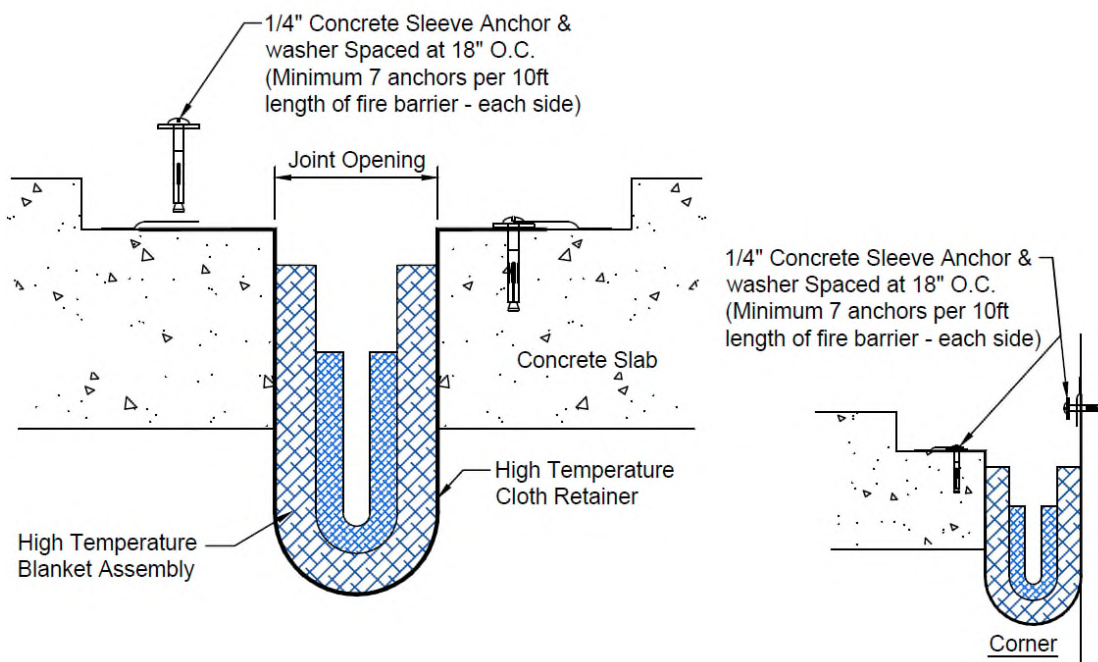
3

Utilizing duct tape as a temporary fastener, tape flaps of high temperature cloth retainer to concrete slab until the fasteners are installed.



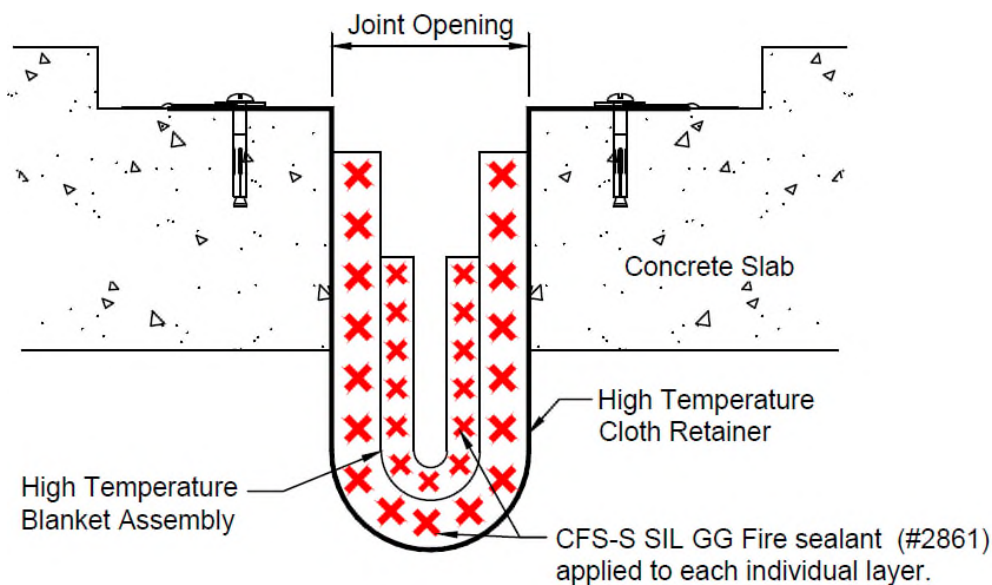
4

Once fire barrier section has been taped down, mark and drill holes for 1/4" x 1 1/2" lg concrete sleeve anchors spaced at 18" O.C. Once the holes have been drilled, remove powder dust, exercising care not to get debris into fire blanket assembly. Install concrete sleeve anchor with washers.



5

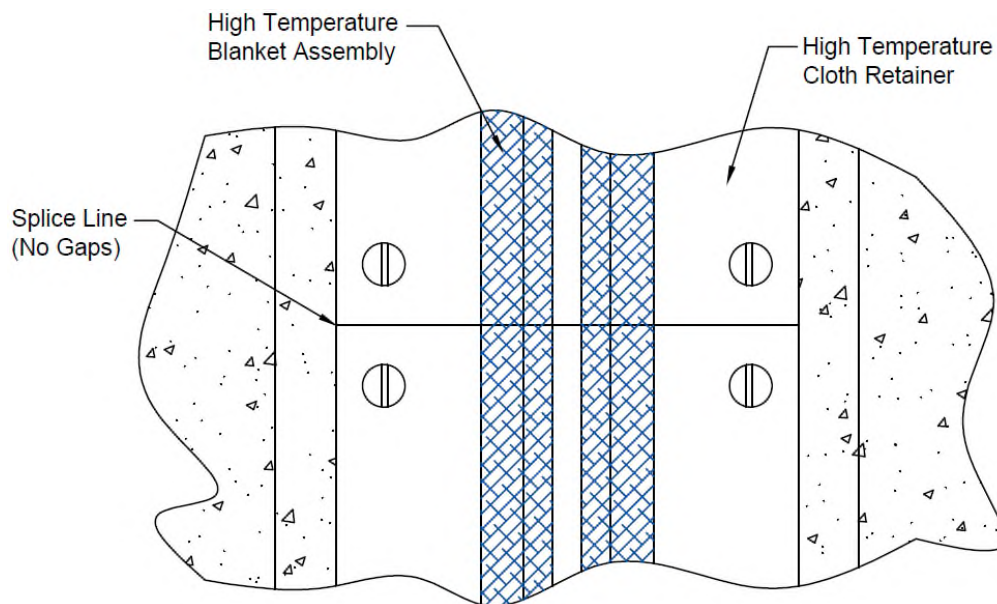
After the first section of fire barrier has been installed, apply CFS-S SIL GG sealant (#2861) to all blanket layers of the fire blanket assembly on one side only.



6

Repeat Step 2 with next section of fire barrier. Install next section, ensuring that there are no gaps at the splice location between blankets, as shown below.

Note: To remove small gaps between sections of fire barrier, gently pull cloth retainer towards splice line, compressing the CFS-S SIL GG sealant (#2861) at the splice line. Exercise care not to damage fire barrier blanket or cloth retainer while pulling it towards splice line.



7

After the next fire barrier section is in place, repeat steps 3 through 6.

8

With installation complete, temporarily cover system to ensure debris does not enter fire barrier cavity. It shall be the installer's responsibility to protect completed fire barrier installations. Damaged fire barriers will be replaced at installer's expense.

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