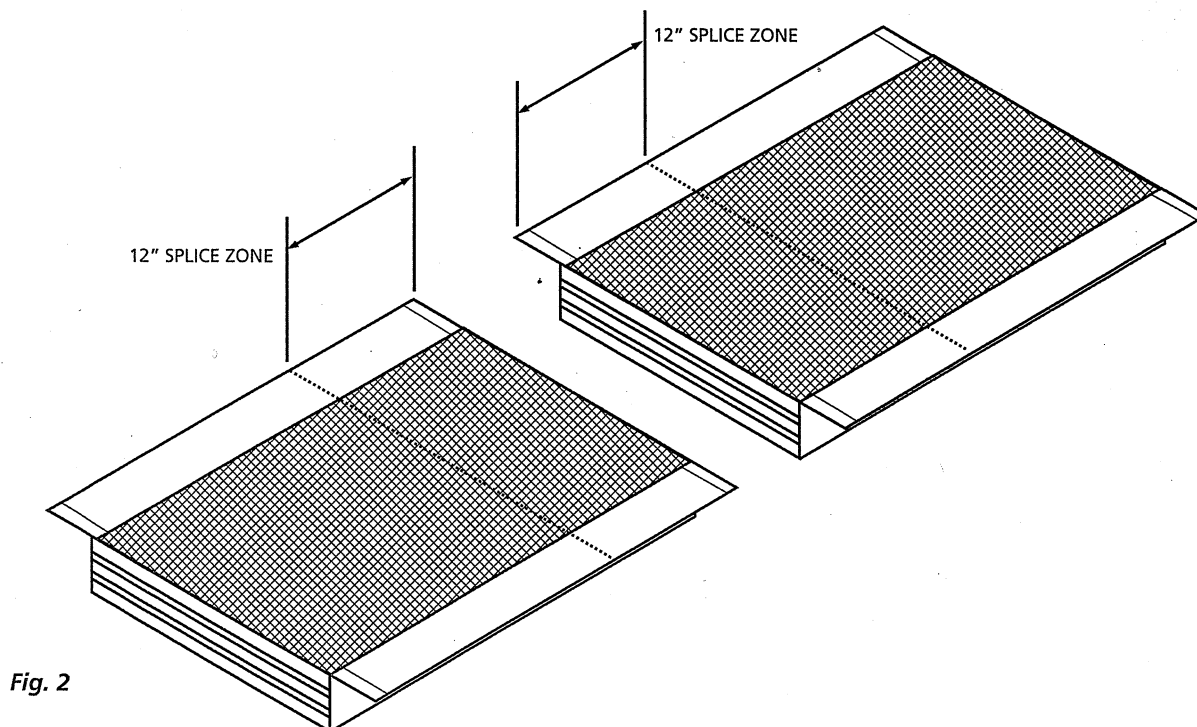
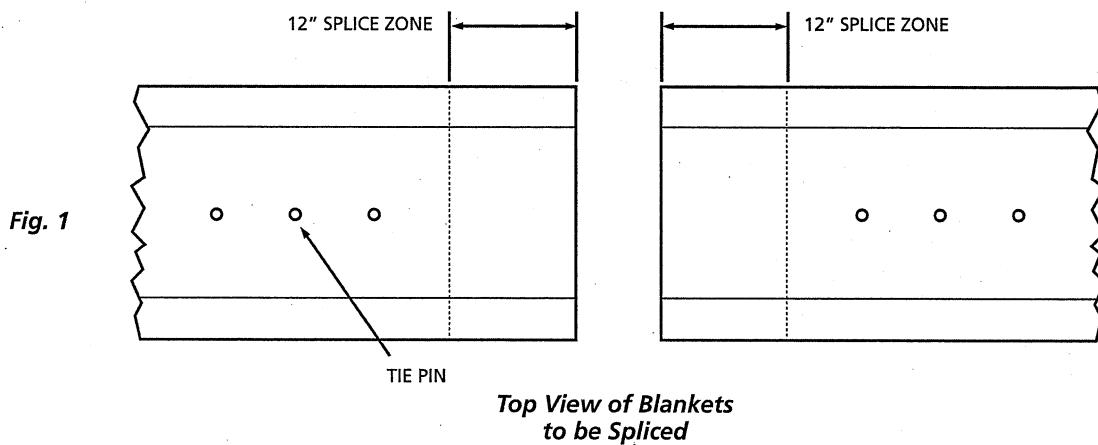


SPLICING INSTRUCTIONS

In some cases it will be necessary to make longer sections of expansion joint blankets out of smaller pieces. In these cases the following instructions are to be used to splice two or more pieces together. It is highly recommended that this procedure be performed prior to installation in the wall or floor, as this procedure is much less time consuming when performed on a flat surface. After the splicing is completed, the installation procedure remains the same as described in the installation instructions. **Note: Fire Barriers must be spliced in accordance with splicing instructions to maintain UL Rating.**

Step 1

Lay each blanket segment on a flat surface. Measure out 12" from the ends of each blanket to be spliced. Draw a line directly across each package at the 12" mark. This will be the splice zone. Remove all of the tie pins from within the splice zone of each blanket (See Figs. 1 & 2).



SPLICING INSTRUCTIONS

Step 2

Make a "tongue and groove" type splice by cutting away every other layer of insulation in the splice zone on each blanket segment and save the scraps for future use. Make the opposite cuts on the other half of the splice. Trim the metallic septum layers the same length as the insulation adjacent to them (See Figs. 3 & 4).

Note: If flanges are pre-welded to the blanket segments, the flanges must be cut back in one of the splice zones.

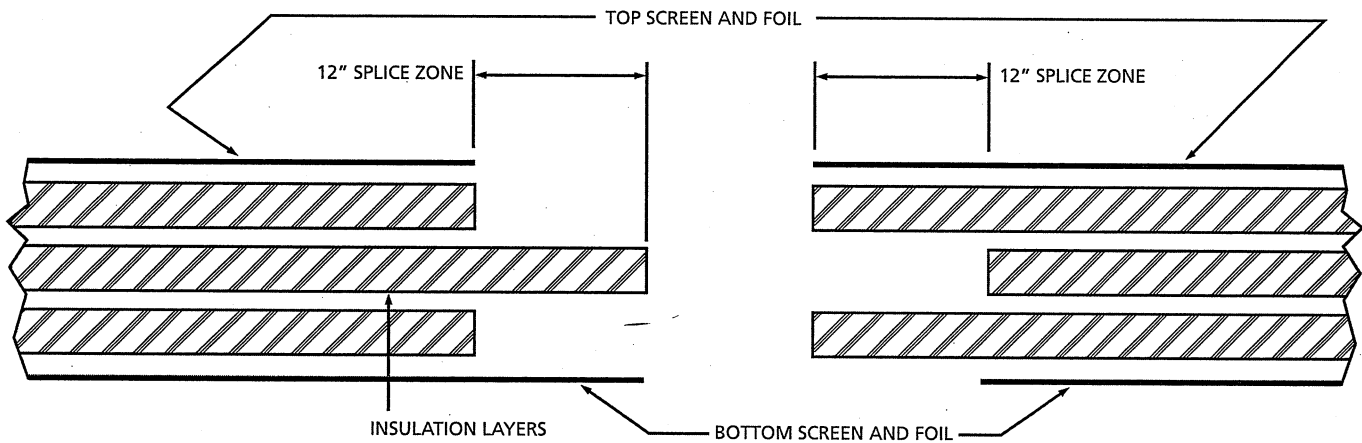


Fig. 3
Cross Section of Splice Zone

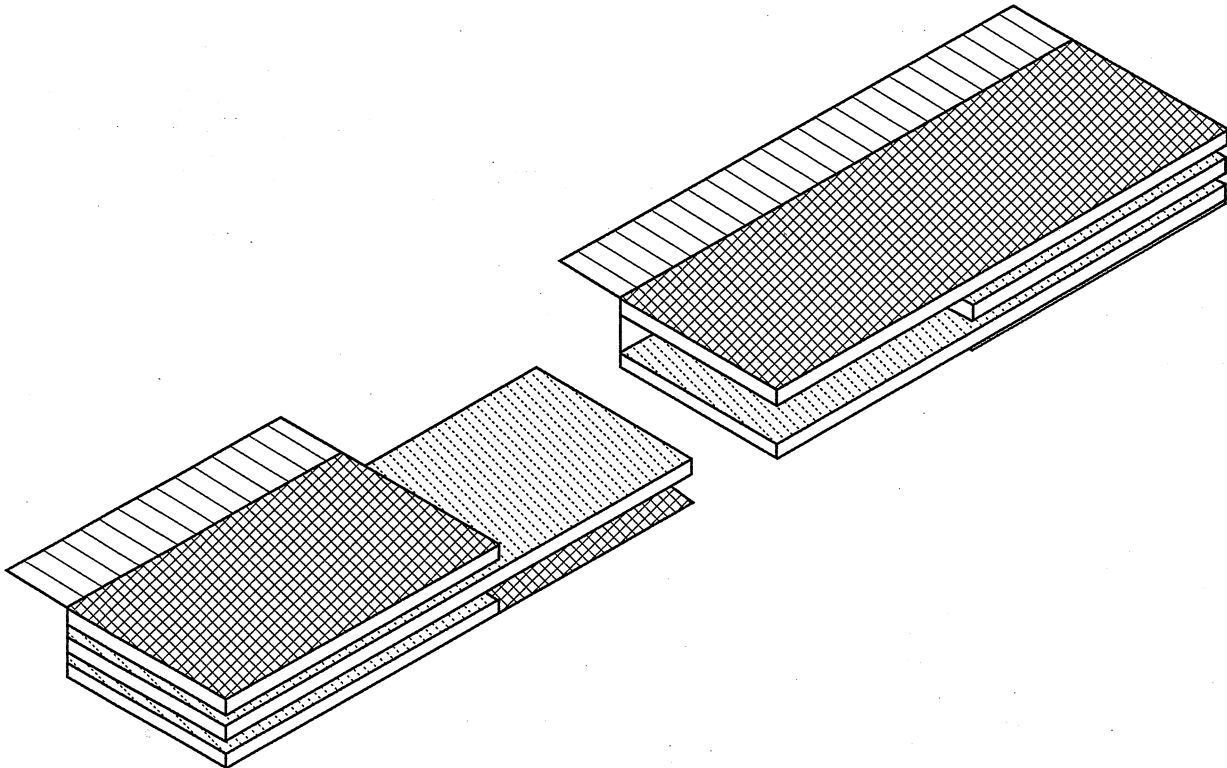


Fig. 4

SPLICING INSTRUCTIONS

Step 3

Assemble the two blanket segments, interweaving the insulation layers (See Figs. 5 & 6).

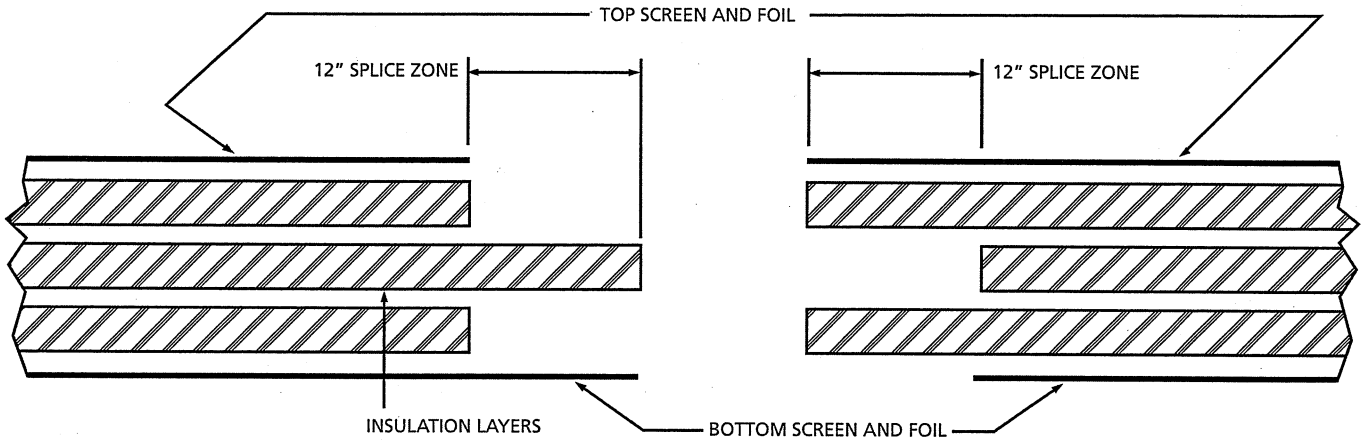


Fig. 5
Cross Section of Splice Zone

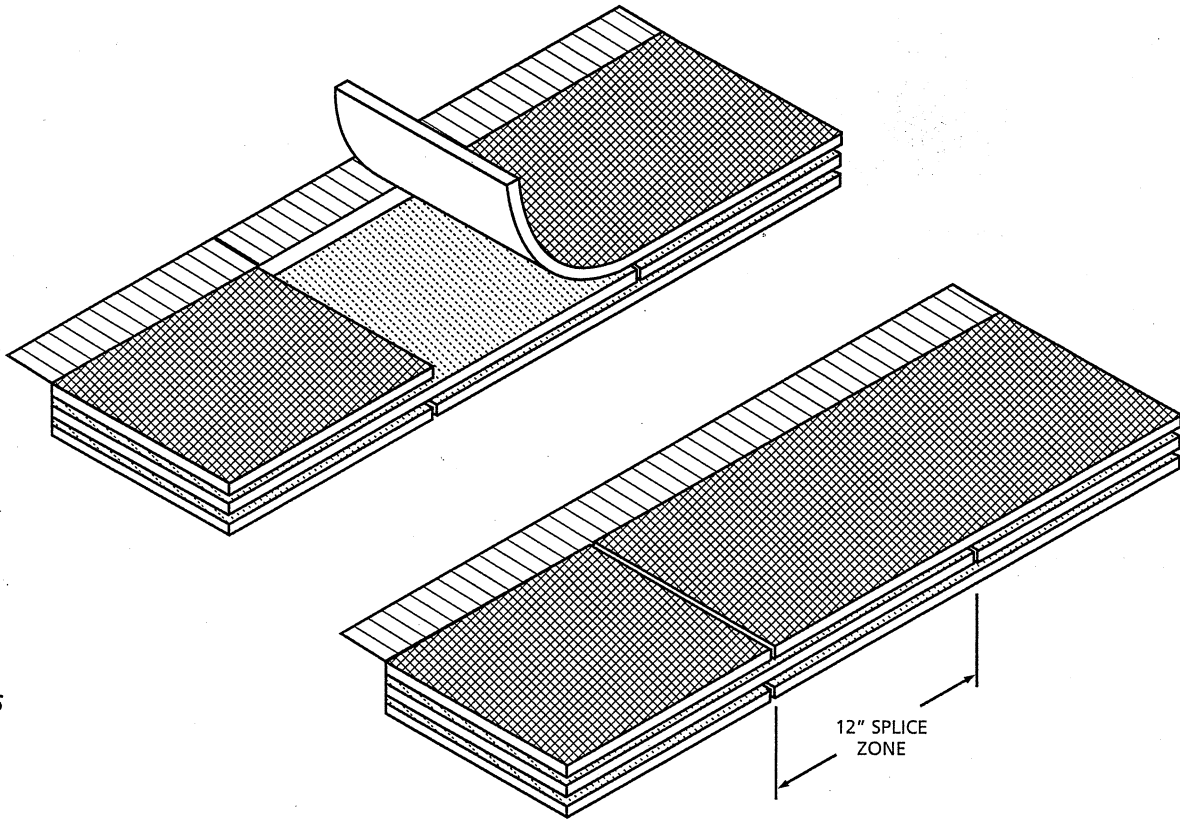


Fig. 6

SPLICING INSTRUCTIONS

Step 4

Pin the four corners of the splice zone together, through the insulation and the foils, but not through the outer screen. (See Figs. 7 & 8). Place six equally spaced pins down the center of the splice zone, through the insulation, through all foil layers and both of the outer screen layers (See Figs. 7 & 9).

Inspect the splice to ensure:

- a. The splice does not have any gaps.
- b. The splice is tied together with pins, down the center line, through the screen.
- c. The four corner pins of the splice do not go through the screen.

After the splice has passed inspection, lay the scraps over the splice. These scraps were saved for future use during the completion of Step 2 and should now be laid in over the splice for added thermal protection.

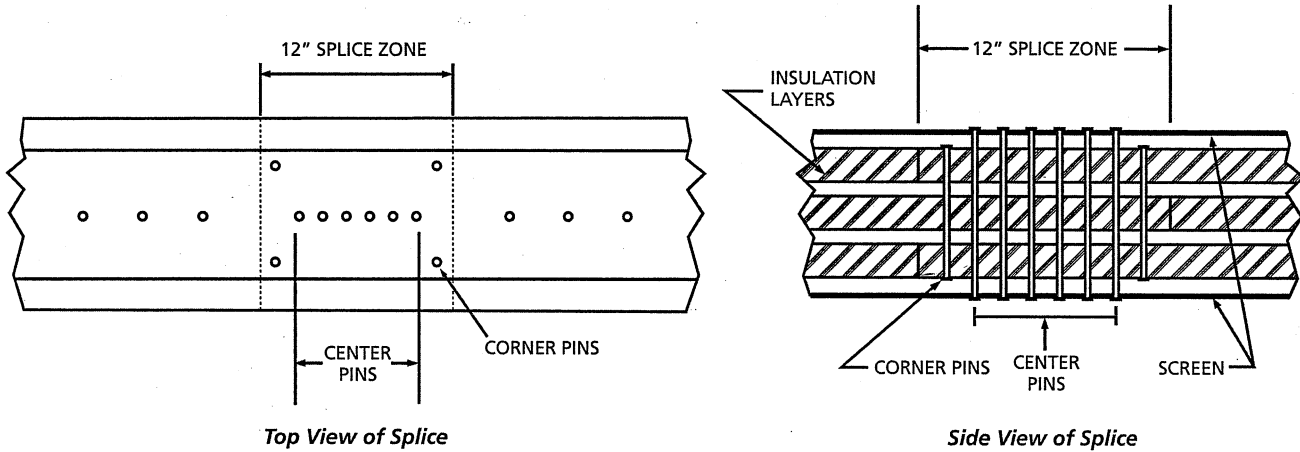


Fig. 7
Assembly of the Splice

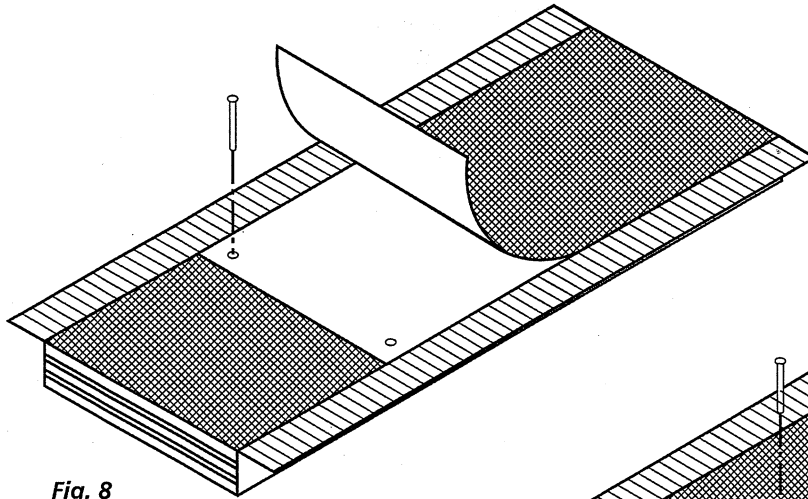


Fig. 8

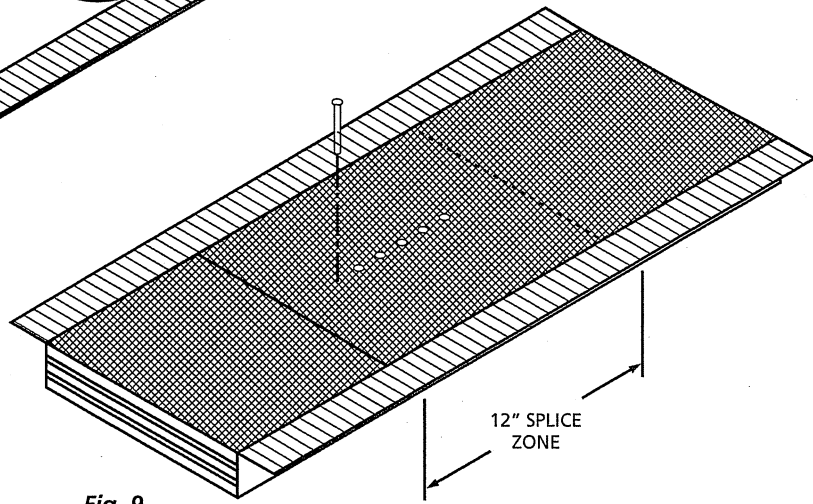


Fig. 9

FS 5800 Expansion Joint Fire Barrier Installation Instructions

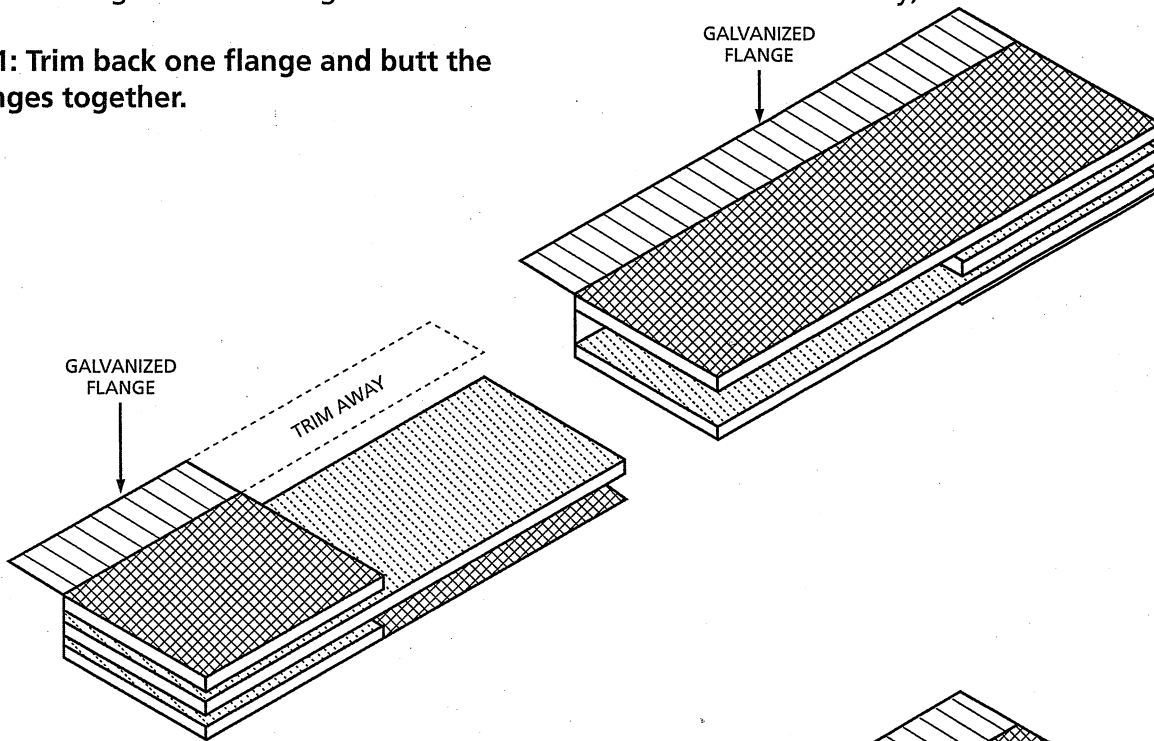
Addendum: Splicing of Factory Attached Galvanized Flanges

The splicing of the interior insulation materials, screen and interleaved metallic foils are to be performed in the same manner as the rolled version of FS 5800.

Pre-attached flanges used on fire barrier for 8" wide expansion joints and larger require an additional splicing operation. You have two choices in dealing with the pre-attached flanges:

(Portions of the galvanized flange have been deleted for illustration clarity)

Option 1: Trim back one flange and butt the two flanges together.



Option 2: Do not trim back any flange and overlap two layers of the flange through the entire splice zone.

