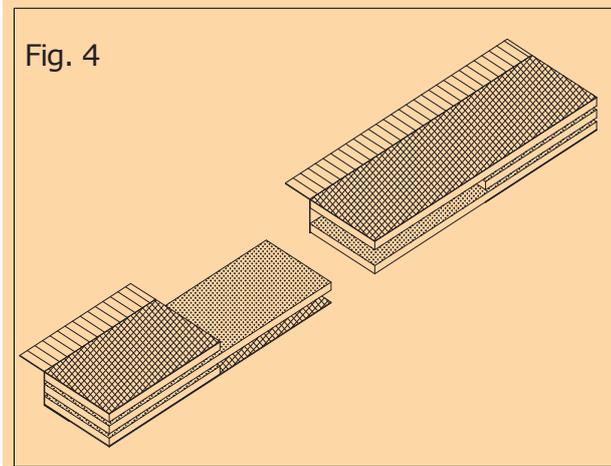
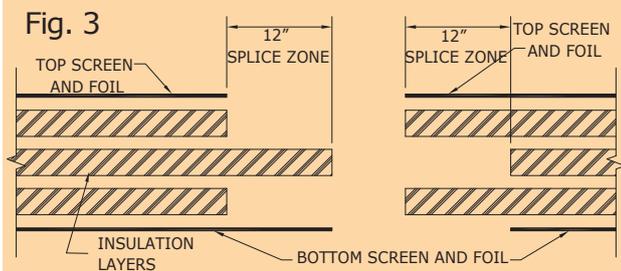
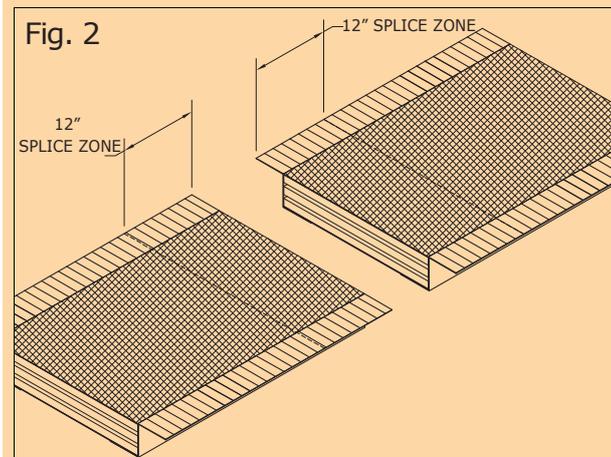
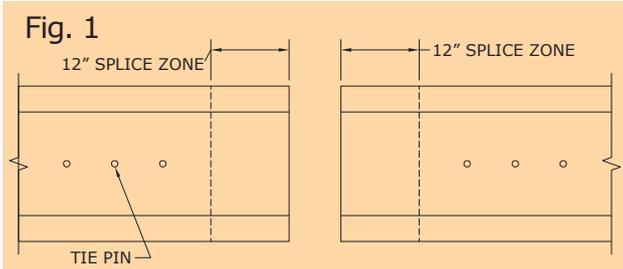


### Splicing Instructions:



In the same cases it will be necessary to make longer sections of expansion joint blankets out of the 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. 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 splice zone. Remove all of the tie pins from within the splice zone of each blanket.

(See Fig. 1 & 2)

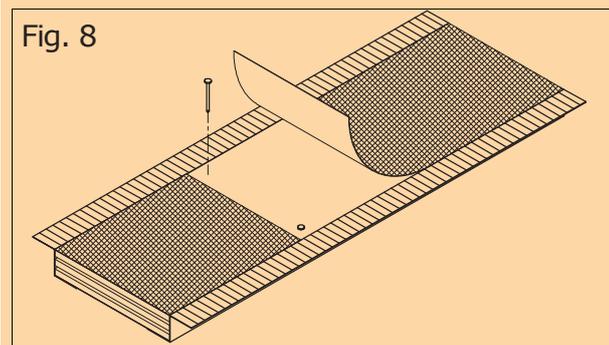
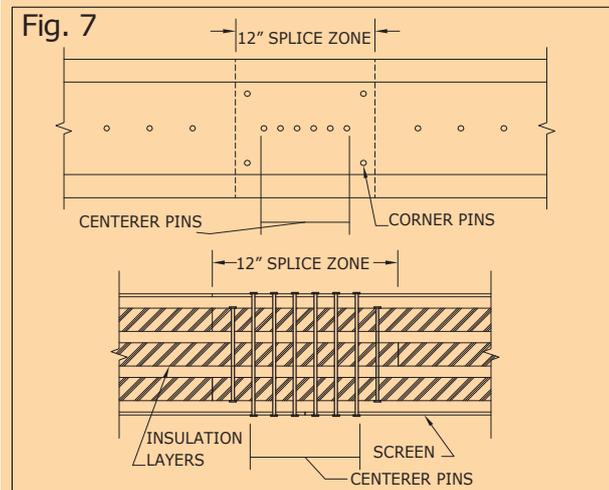
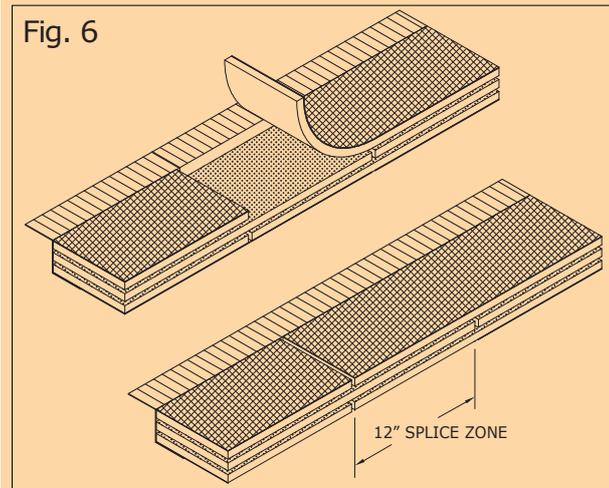
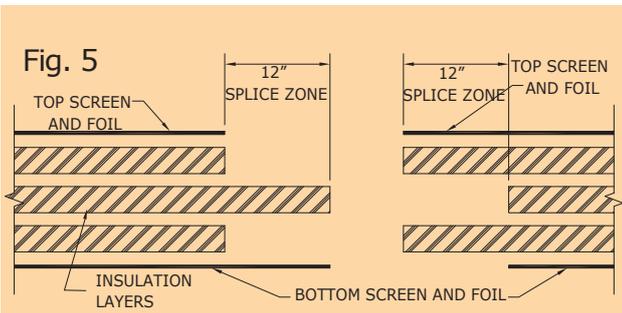
#### Step 2

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. Overlapping galvanized flanges are not allowed.

**Splicing Instructions:**



**Step 3**

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

**Step 4**

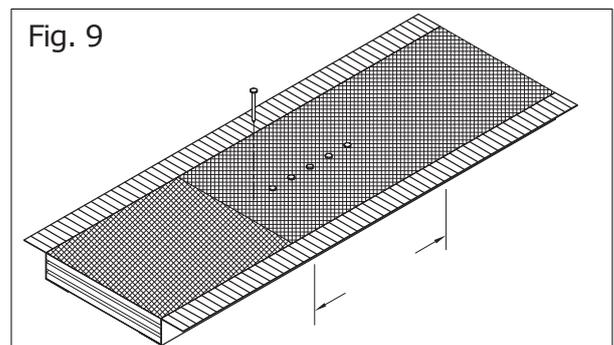
Pin the four corners of the splice zone together, through the insulation and the foils, but not through the outer screen layers.  
(See Figs. 7 & 8)

Place 6 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)

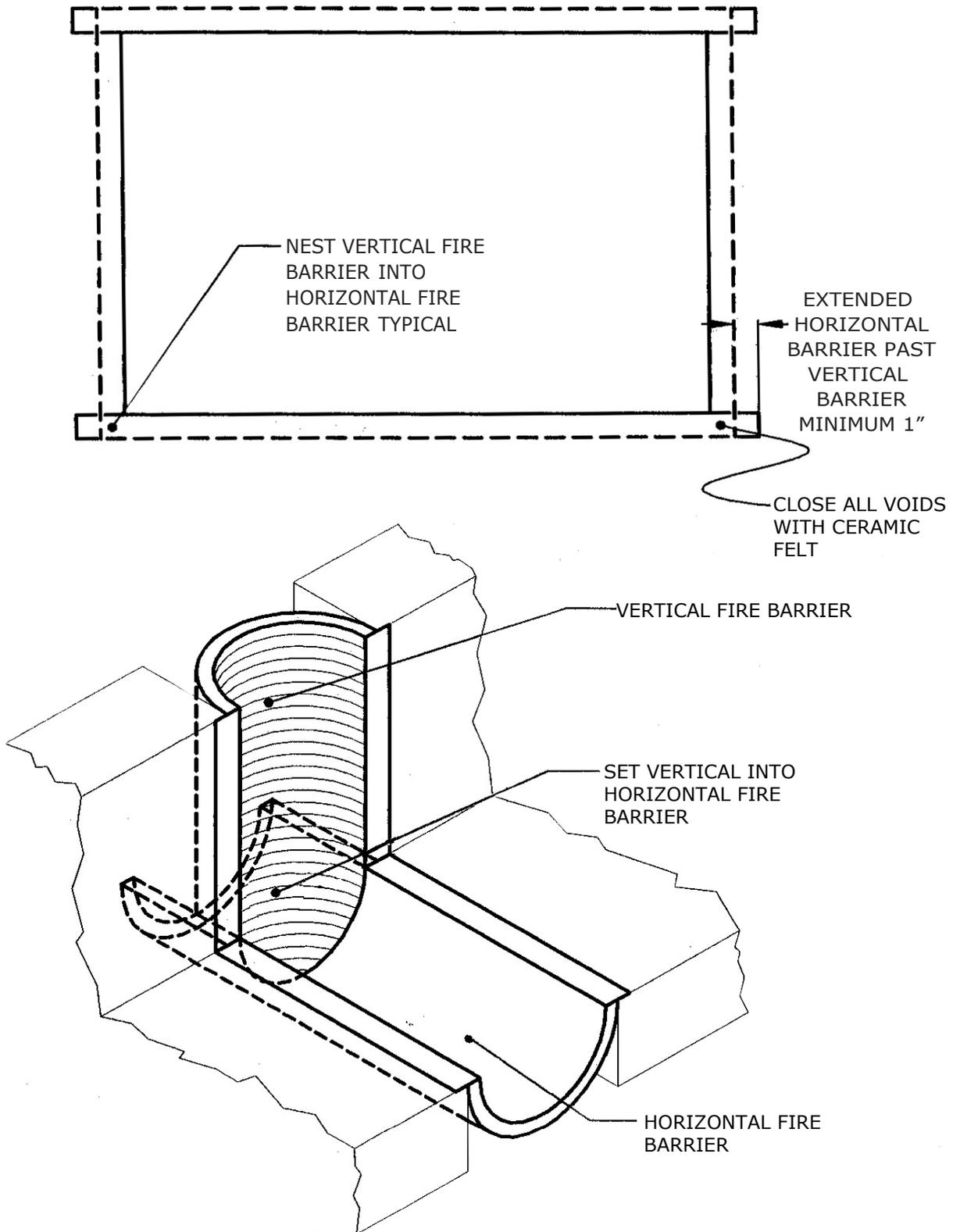
Inspect the splice to ensure:

- 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.

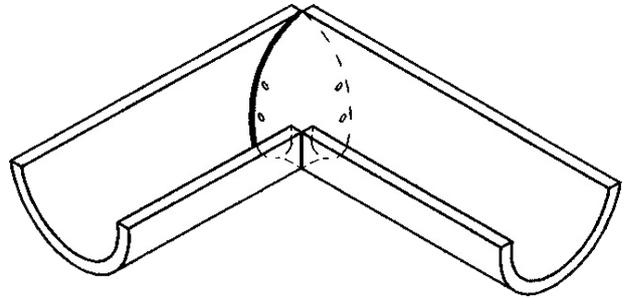
After the splice has passed inspection, lay the scraps over the splice. These scraps were saved for future use during the completion of Step 2 and should now be laid in over the splice for added thermal protection.



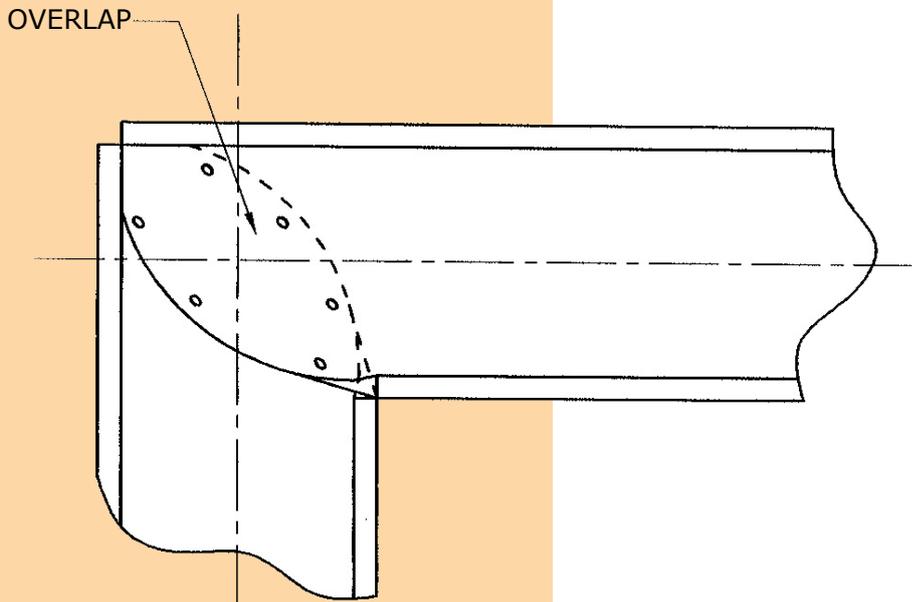
Corridor Wrap Splicing Detail



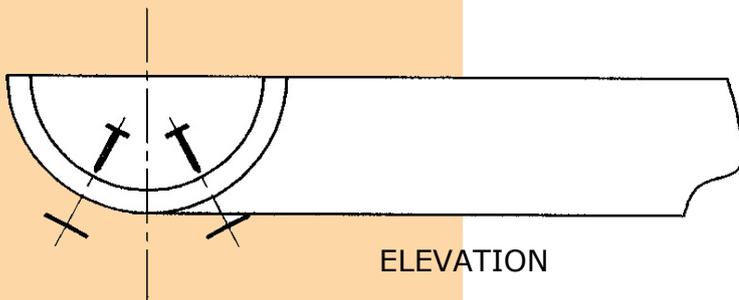
**90° INTERSECTION SPLICE INSTALLATION INSTRUCTIONS**



ISOMETRIC VIEW



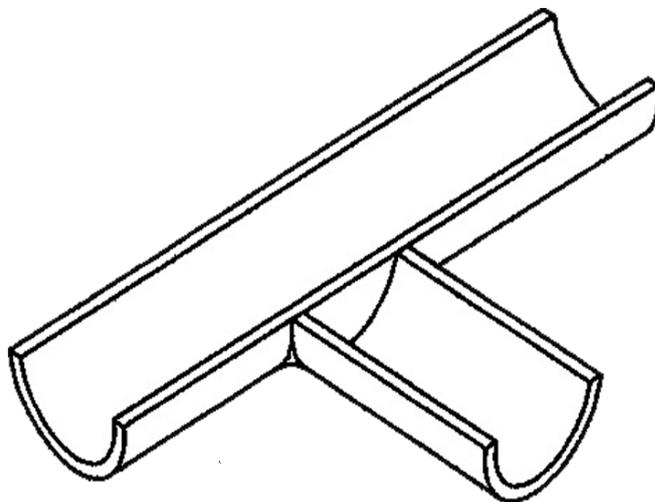
PLAN VIEW



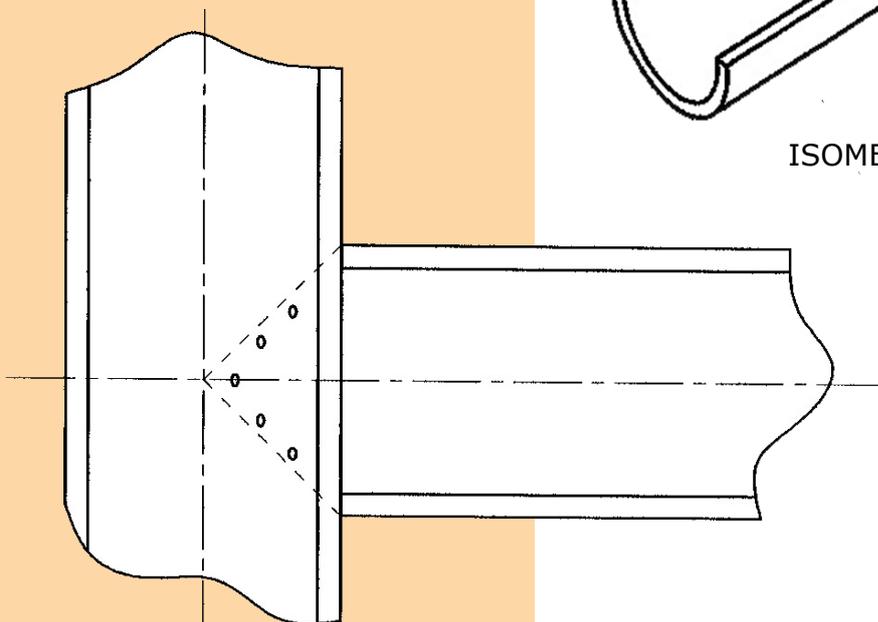
ELEVATION



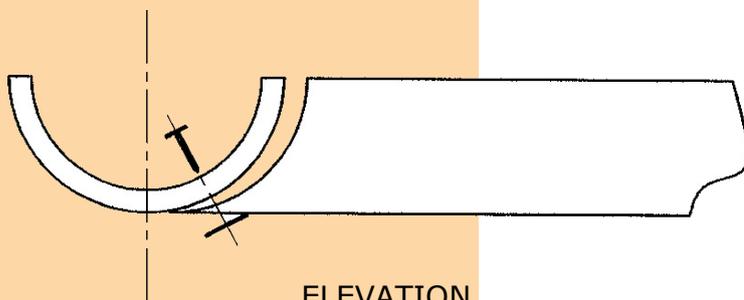
**"T"- INTERSECTION SPLICE INSTALLATION INSTRUCTIONS**



ISOMETRIC VIEW



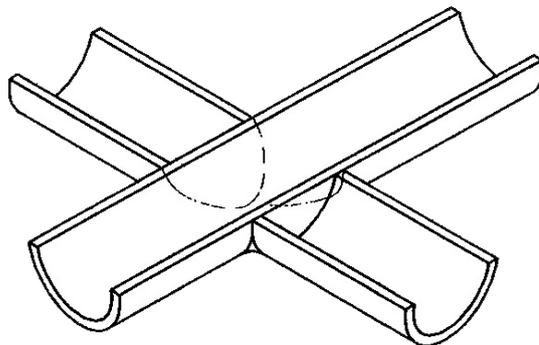
PLAN VIEW



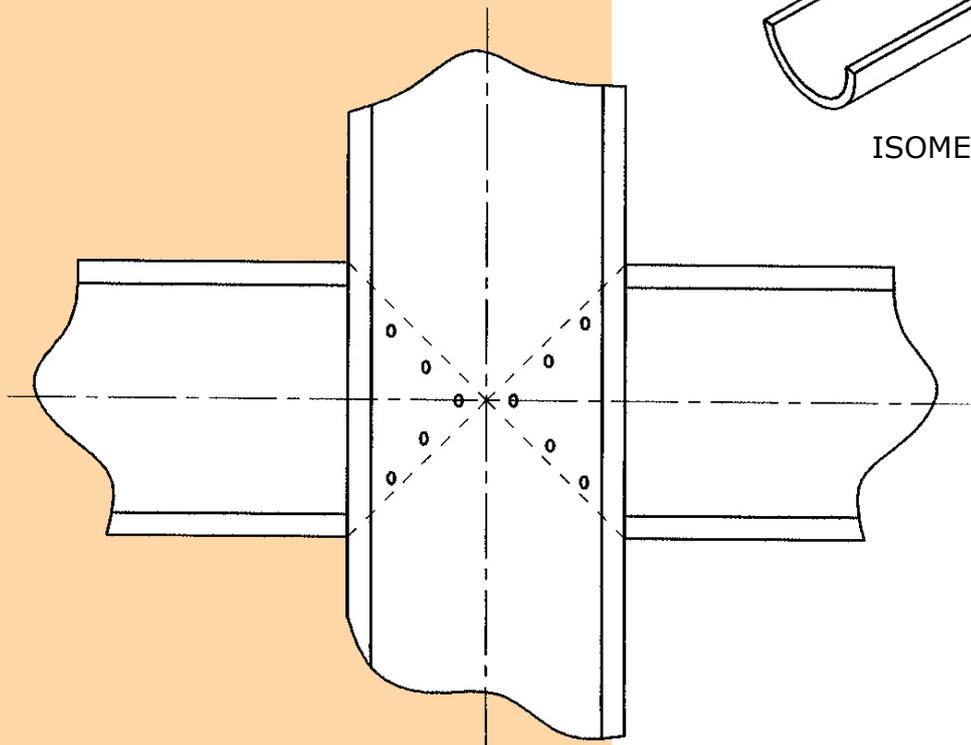
ELEVATION



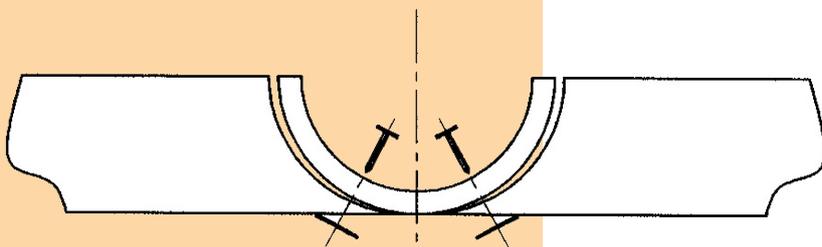
**4 WAY INTERSECTION SPLICE INSTALLATION INSTRUCTIONS**



ISOMETRIC VIEW



PLAN VIEW

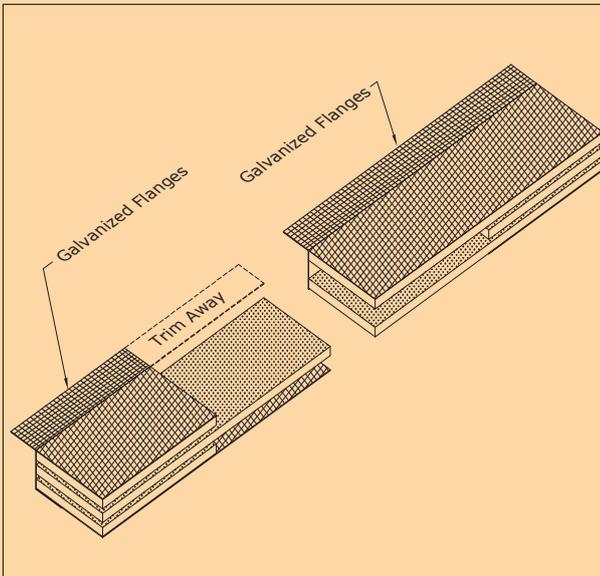


ELEVATION



**Addendum: Splicing of Factory Attached Galvanized Flanges**

Option 1:



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

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:

(Portion 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.

Option 2:

