

Metaflex® 5000 MetaMat™ Floor Fire Barrier

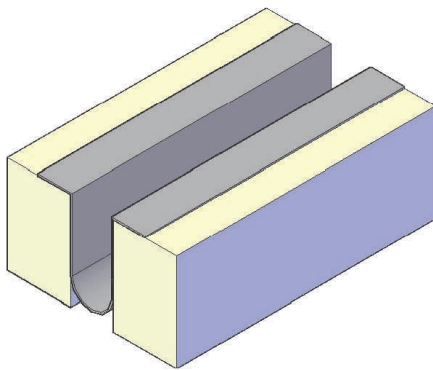
Installation Instructions

The following installation instructions are very important. Read them carefully, and be sure you understand them completely before you begin any work. Refer to Balco shop drawings for placement dimensions and anchor spacing.

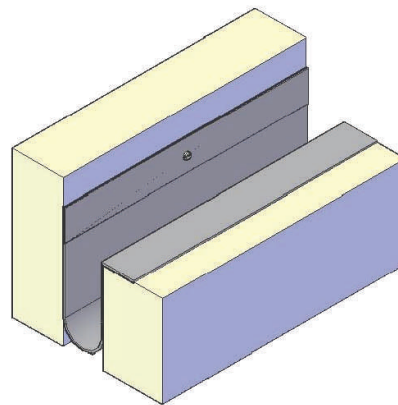
Applicable Models:

MF2H03

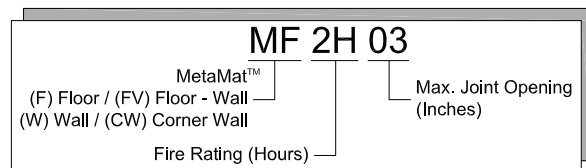
MFV2H03



MF2H0(x)



MFV2H0(x)



Important Note:

MetaMat™ fire barrier must be installed in conjunction with an approved expansion joint cover type specific to the MetaMat™ product. The chart below indicates approved product combinations.

Fire Barrier Listing / Approved Cover Types		
MetaMat™ Model	7500 Series	EPDM Cover
MF2H03	FF-D-0060 / FF-D-0061	FF-D-0064
MFV2H03	FF-D-0060 / FF-D-0061	FF-D-0064

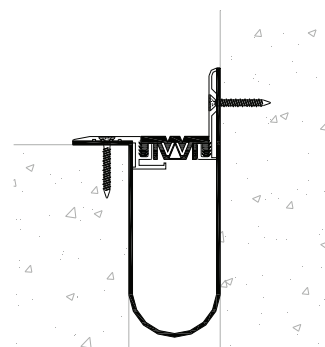
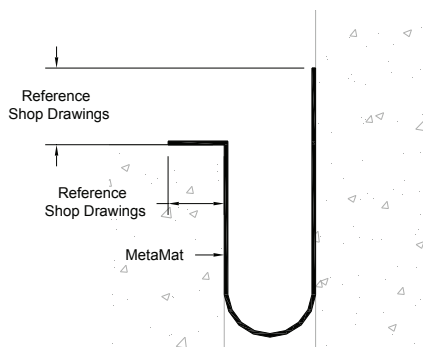
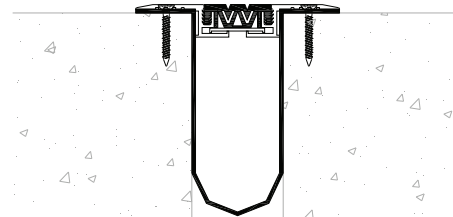
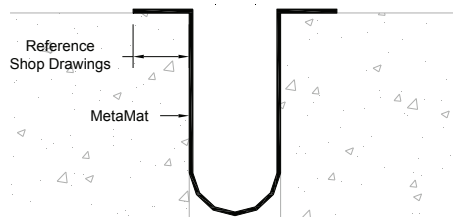
Important Note:

MetaMat™ fire barrier should be installed with the glossy surface facing out.

MetaMat Installations w/ 75FPE & 75FVPE Expansion Joint Covers

Applies to 75FPE, 75FCE, 75FTE, 75FVPE, 75FVCE, & 75FVTE Models

1. Select one layer of MetaMat™ fire barrier and place it into its installed position so that the MetaMat™ drapes into the joint. Reference Balco shop drawings for surface placement dimensions.
2. Place the expansion joint cover into position over the MetaMat™ and secure it to the slab / wall using the factory provided anchors. Anchors should be spaced 2" (51mm) from the end of each base member, with each successive anchor spaced at 20" (508mm) O.C.
3. Complete the installation of the expansion joint cover per the product specific instructions.



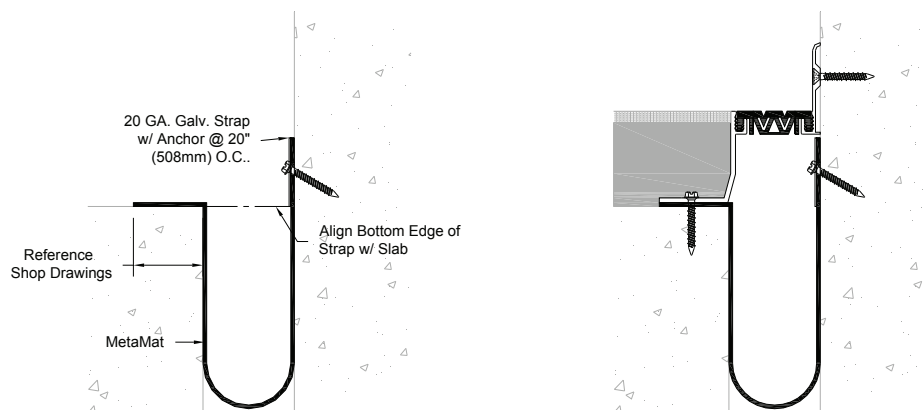
MetaMat™ Installations w/ 75FP Expansion Joint Covers

1. Select one layer of MetaMat™ fire barrier and place it into its installed position so that the MetaMat drapes into the joint. Reference Balco shop drawings for surface placement dimensions.
2. Place the expansion joint cover into position over the MetaMat™ and secure it to the slab / wall using the factory provided anchors. Anchors should be spaced 2" (51mm) from the end of each base member, with each successive anchor spaced at 20" (508mm) O.C.
3. Complete the installation of the expansion joint cover per the product specific instructions.



MetaMat™ Installations w/ 75FVP Expansion Joint Covers

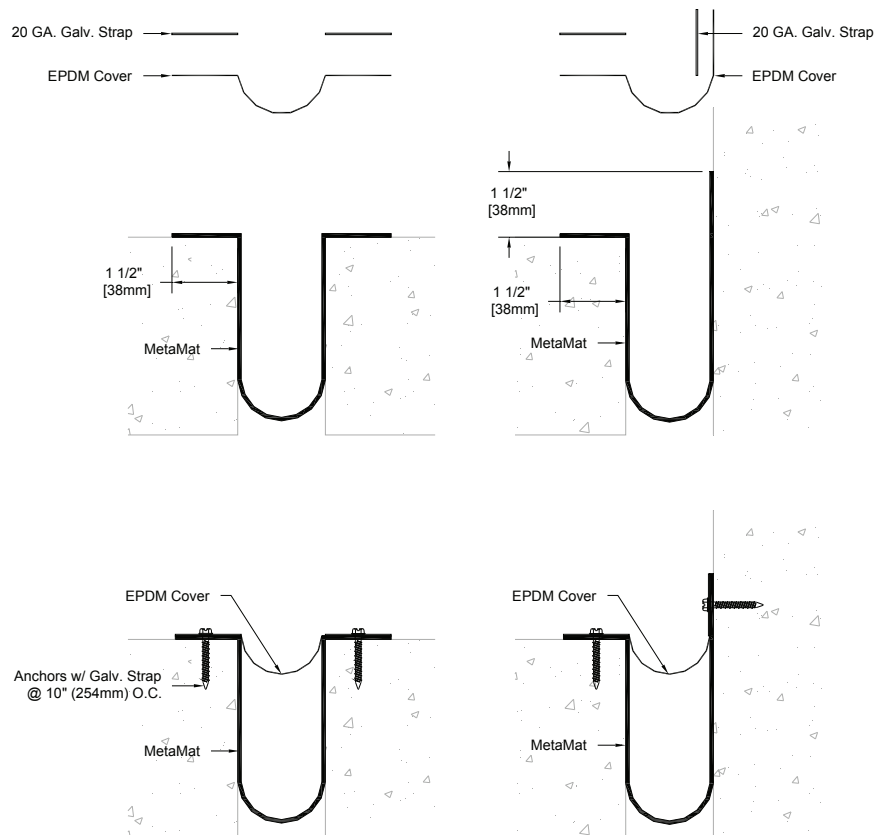
1. Select one layer of MetaMat™ fire barrier and place it into its installed position so that the MetaMat™ drapes into the joint. Reference Balco shop drawings for surface placement dimensions.
2. Secure the MetaMat™ to the wall using the factory provided galvanized straps and anchors. Anchors should be spaced a minimum of 2" (51mm) from the end of the MetaMat™, with each successive anchor spaced at 20" (508mm) O.C.
3. Secure the MetaMat™ fire barrier to the slab using the expansion joint cover's base member and factory provided anchors. Anchors should be spaced a minimum of 2" (51mm) from each end of each base member, with each successive anchor spaced at 20" (508mm) O.C.
4. Complete the installation of the expansion joint cover per the product specific instructions.



MetaMat™ Installations w/ EPDM Covers

Recommended for Shaft Wall Applications

1. Select one layer of MetaMat™ fire barrier and place it into its installed position so that the MetaMat drapes into the joint. Allow 1 1/2" (38mm) of the MetaMat™ fire barrier to lay on the surface of the slab and, for floor-to-wall applications, extend up the wall's perpendicular surface.
 2. Place the EPDM cover into its installed position, inside of the MetaMat™ fire barrier. The edges of the EPDM cover should align with the edges of the MetaMat™ fire barrier.
 3. Secure the EPDM cover and the MetaMat™ fire barrier to the slab / wall using the factory provided galvanized straps and anchors. Anchors should be spaced a minimum of 2" (51mm) from the edge of the MetaMat™, with each successive anchor spaced at 10" (254mm) O.C.
- ♦ *If the EPDM is serving as a moisture barrier, a mastic setting-bed (by others) is required.*



Splicing MetaMat™ Fire Barrier

Splicing MetaMat™ fire barrier may be accomplished by overlapping the mating sections 6" (152mm) and using a general purpose spray adhesive (Tri-Star 315, 3M High-Strength 90, or equivalent, by others). Place fasteners near the midpoint of the splice.