

MRS/MRC Series

Note:

The structural gap and blockout dimensions has to be verified before beginning the installation if both are in conformance with submittal data. If the architectural joint system is fire rated, fire barrier has to be installed before the system. For specific system installation, refer to the fire barrier installation instructions.

Fig. 1

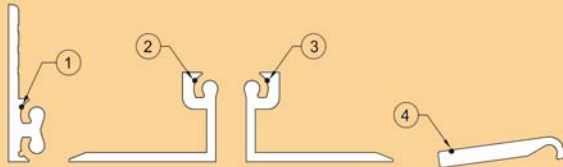


Fig. 2

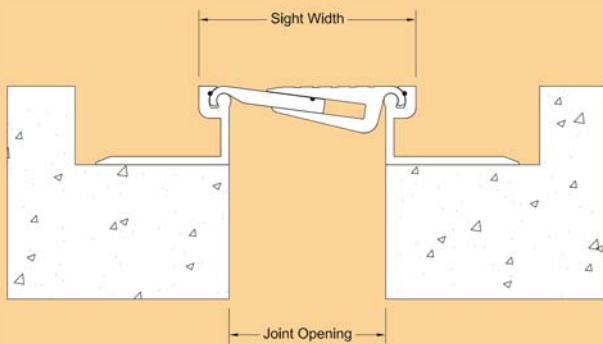
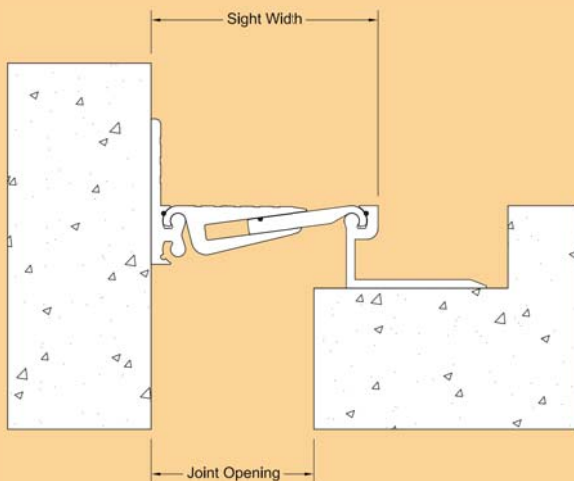


Fig. 2a



1. Install the architectural joint system on a level surface within the blockout. Make sure the tops of the frames (38mm total height) are level with the finished floor height. This may require adding leveling compound to raise the tops of the frames.
2. Cut the aluminum components to the desired length and insert the extruded elastomeric membrane to the frames as shown in (Fig. 1)
3. Align the frames within the blockout (76mm wide for Straight application and at least 90mm wide for corner application), ensuring the frame bases do not extend over the structural gap.
4. To properly space frames, use the chart below to determine the sight width for straight and corner applications:

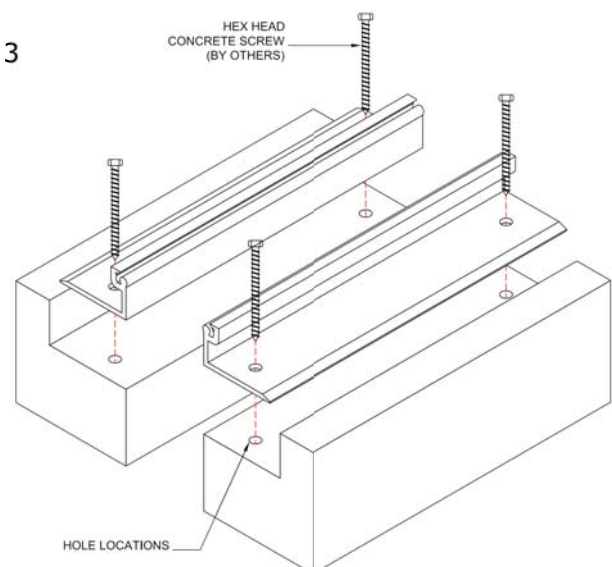
	JOINT OPENING		SIGHT WIDTH	
	(IN)	(MM)	(IN)	(MM)
Straight				
MRS01	1"	25	2.1"	53
MRS02	2"	52	3.2"	81
MRS03	3"	76	4.2"	106
MRS04	4"	102	5.2"	132

Corner

MRC01	1"	25	2.1"	53
MRC02	2"	52	3.2"	81
MRC03	3"	76	4.2"	106
MRC04	4"	102	5.2"	132

(See Fig. 2 & 2a)

Fig. 3



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Fig. 4

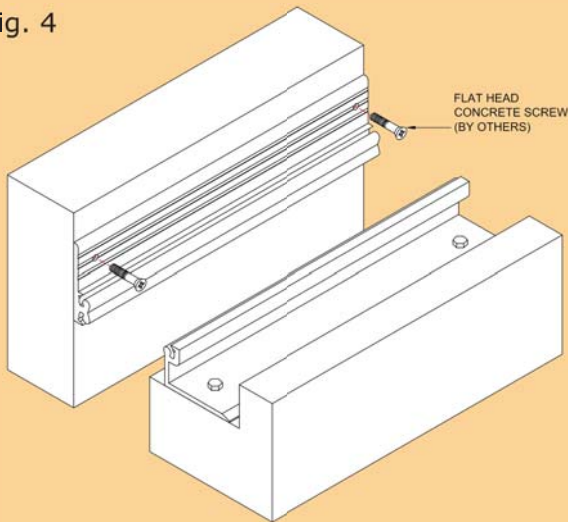


Fig. 5

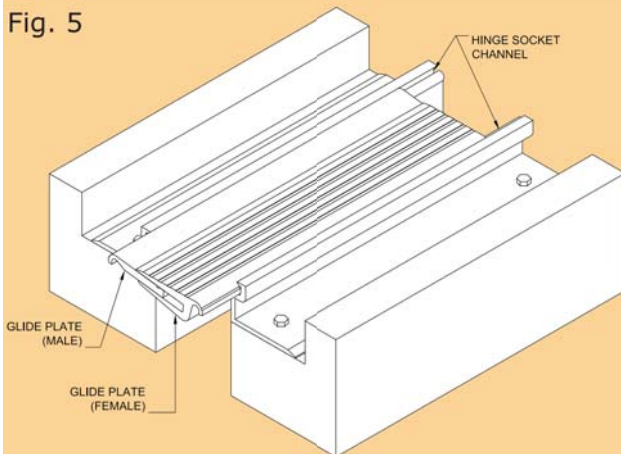
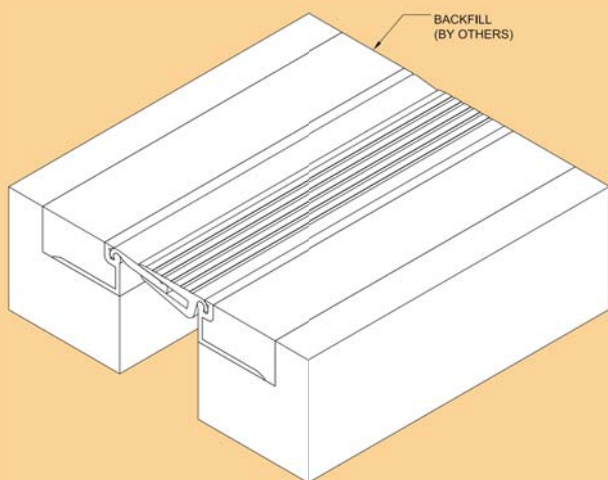


Fig. 6



5. Mark pre-drilled hole locations on the substrate and remove from the blockout. (See Fig. 3)

6. Drill all marked holes.

6a) Use a 3/16" (5mm) concrete drill bit and drill 1-5/8" (42mm) deep.

6b) Optional Integral Vapor Barrier. Starting at one end of the frame assembly, slide vapor barrier into dart receptacles of the floor frame and wall frame. Fold ends up or weep out.

7. Return the frame assembly into position over the drilled hole locations. Secure in place with 1/4" x 1-1/2" hex head concrete screw for each hole of floor frame and flat head screw for each hole of wall frame. (See Fig. 4)

8. With the two frame assemblies facing, slide one of the aluminum glide plate (male) into the other glide plate (female) and complete the system by inserting ball ends of the aluminum glide plates into the hinge socket channel of the recessed and wall frame. (See Fig. 5)

9. Backfill the blockout with high strength non-shrink epoxy grout (installer furnished). On 'MRC' system, install the floor finish level to the top of the floor frame. (See Fig. 6 & 6a)

10. Clean the exposed surfaces with a non-solvent cleaner as required.

Fig. 6a

