



LISTING DESIGN (see page 3 chart)

#### IMPORTANT LIFE SAFETY PRODUCT NOTE

2-HOUR FOAM SEAL FIRE BARRIER MUST BE INSTALLED IN A PROPERLY CONSTRUCTED 2-HOUR RATED WALL ASSEMBLY WITH A MINIMUM WALL THICKNESS OF 4.5-INCHES AT THE JOINT FACE. BARRIERS MUST BE INSTALLED IN STRICT ACCORDANCE WITH MM SYSTEMS PRODUCT INSTALLATION INSTRUCTIONS. CONTRACTOR MUST VERIEY PRIOR TO FABRICATION.

# SIF-FR-2D Series 2 Hour Fire Rated Expansion Joint Wall-to-Wall (Double Side Silicone)



50 MM WAY PENDERGRASS, GA. 30567 706-824-7500 PHONE 800-241-3460 TOLL FREE 706-824-7501 FAX

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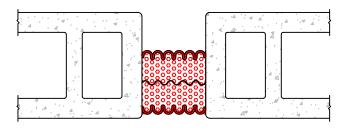
For Spec-Data, Install Guides, and other data visit www.mm-usa.com

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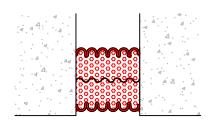
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## **APPROVED SUBSTRATES**



**CMU BLOCK** 



**CONCRETE WALL** 

Silicone Impregnated Foam - 2 Hour Fire Rated Expansion Joint SIF-FR-2D Series

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 Scale:

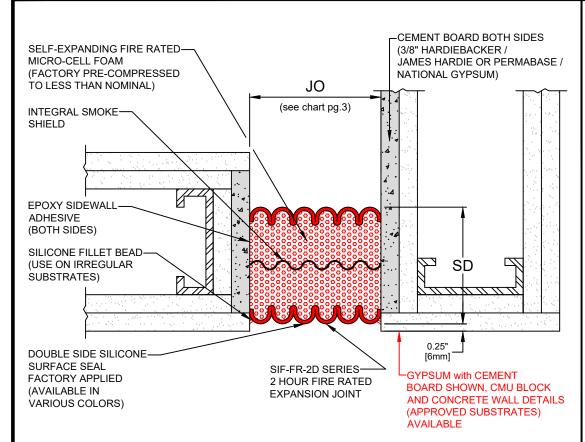
 MVP
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 SHT. 1 OF 3
 Issue Date:

 11/20/2020

Drawing Number:

30752-01





#### IMPORTANT LIFE SAFETY PRODUCT NOTE

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# SIF-FR-2D Series 2 Hour Fire Rated Expansion Joint Wall-to-Corner (Double Side Silicone)



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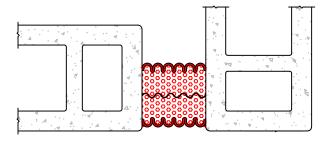
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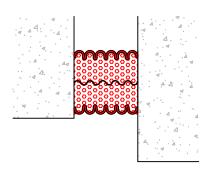
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**CMU BLOCK** 



**CONCRETE WALL** 

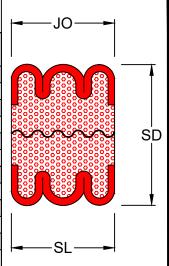
Silicone Impregnated Foam - 2 Hour Fire Rated Expansion Joint SIF-FR-2D Series

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SHT. 2 OF 3	Issue Date: 11/20/2020				

Drawing Number:

30752-02

(SIF-FR-2D) FIRE RATED SERIES EXPANSION JOINT MOVEMENT CHART															
Model Number	UL Listing	Joint Ope	ning (JO <sup>N</sup> )	Thermal / Seismic Movement (JO <sup>T</sup> )			Total (JO <sup>∆</sup> )		Lateral		Vertical		Seal Depth (SD)		
		Non	ninal	Minir	num	Maxi	mum	Move	ment	She	ear	Displac	ement	Jean Deptil (3D)	
SIF-FR-325-2D	WW-D-1231	3.25	83	1.625	41	4.875	124	3.25	83	3.25	83	3.25	83	4.00	102
SIF-FR-350-2D	WW-D-1231	3.50	89	1.750	44	5.250	133	3.50	89	3.50	89	3.50	89	4.00	102
SIF-FR-375-2D	WW-D-1231	3.75	95	1.875	48	5.625	143	3.75	95	3.75	95	3.75	95	4.00	102
SIF-FR-400-2D	WW-D-1231	4.00	102	2.000	51	6.000	152	4.00	102	4.00	102	4.00	102	4.00	102
SIF-FR-425-2D	WW-D-1231	4.25	108	2.125	54	6.375	162	4.25	108	4.25	108	4.25	108	4.00	102
SIF-FR-450-2D	WW-D-1231	4.50	114	2.250	57	7.000	178	4.50	114	4.50	114	4.50	114	4.00	102
SIF-FR-475-2D	WW-D-1231	4.75	121	2.375	60	7.125	181	4.75	121	4.75	121	4.75	121	4.00	102
SIF-FR-500-2D	WW-D-1231	5.00	127	2.500	64	7.500	191	5.00	127	5.00	127	5.00	127	4.00	102
SIF-FR-525-2D	WW-D-1231	5.25	133	2.625	67	7.875	200	5.25	133	5.25	133	5.25	133	4.00	102
SIF-FR-550-2D	WW-D-1231	5.50	140	2.750	70	8.250	210	5.50	140	5.50	140	5.50	140	4.00	102
SIF-FR-575-2D	WW-D-1231	5.75	146	2.875	73	8.625	219	5.75	146	5.75	146	5.75	146	4.00	102
SIF-FR-600-2D	WW-D-1231	6.00	152	3.000	76	9.000	229	6.00	152	6.00	152	6.00	152	4.00	102



DOUBLE SIDE

SILICONE

Dimension shown in inches (bold) and millimeters.

Please note that Joint Opening (JO) and Sight Line (SL) are one in the same for the SIF-FR Series

Requires cement board as a component of the rated construction for all sizes.

Note: Refer to the SIF-FR-2D AutoCAD file for individual seal drawings.



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# Silicone Impregnated Foam - 2 Hour Fire Rated Expansion Joint SIF-FR-2D Series

Drawn by:	Scale:					
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SHT. 3 OF 3	Issue Date: 11/20/2020					

Drawing Number:

30752-03