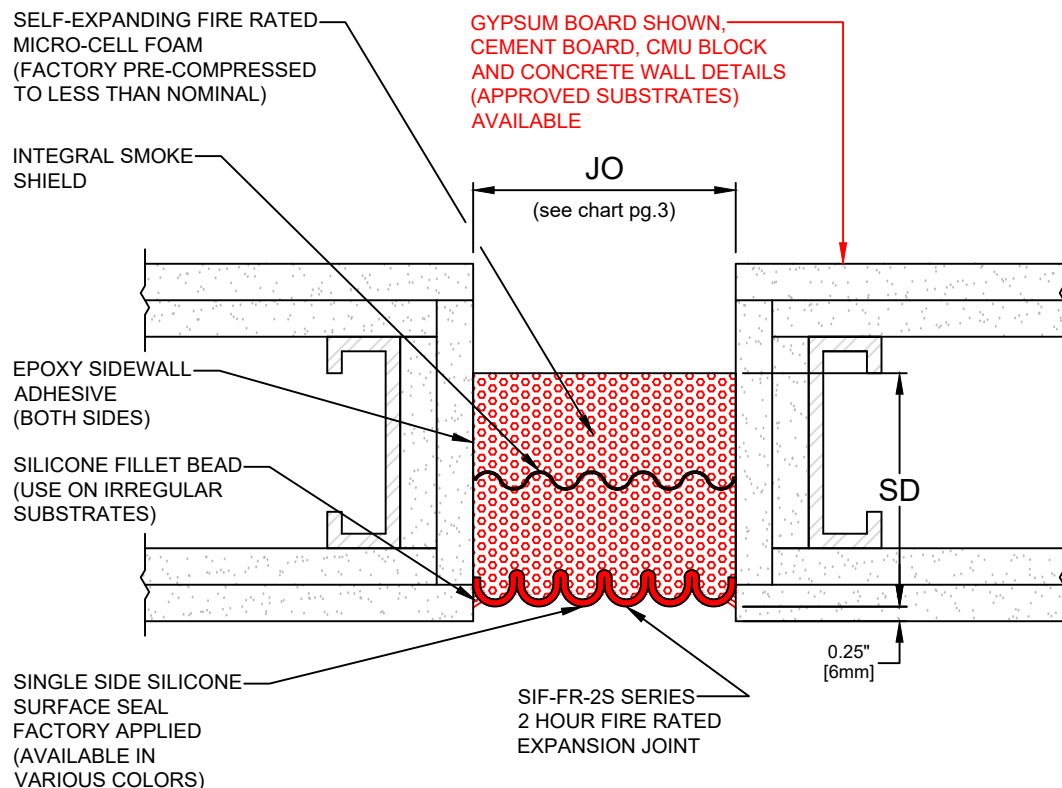
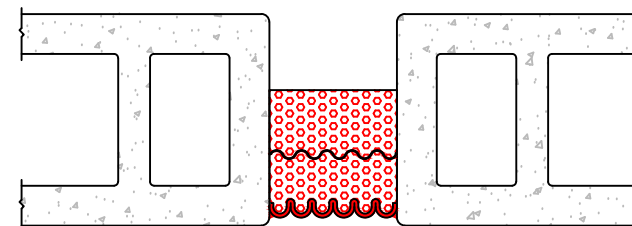




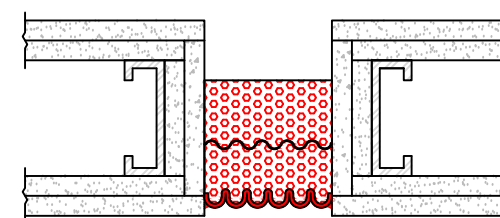
IMPORTANT LIFE SAFETY PRODUCT NOTE
2-HOUR FOAM SEAL FIRE BARRIER MUST BE INSTALLED IN A PROPERLY CONSTRUCTED 2-HOUR RATED WALL ASSEMBLY WITH A MINIMUM WALL THICKNESS OF 4.5-INCHES AT THE JOINT FACE. BARRIERS MUST BE INSTALLED IN STRICT ACCORDANCE WITH MM SYSTEMS PRODUCT INSTALLATION INSTRUCTIONS. CONTRACTOR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

SIF-FR-2S Series 2 Hour Fire Rated Expansion Joint Wall-to-Wall (Single Side Silicone)

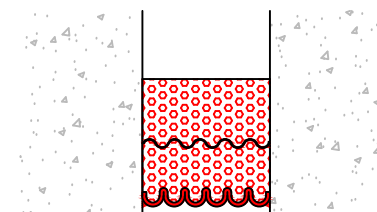
APPROVED SUBSTRATES



CMU BLOCK



CEMENT BOARD



CONCRETE WALL



50 MM WAY
PENDERGRASS, GA. 30567
706-824-7500 PHONE

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Silicone Impregnated Foam - 2 Hour Fire Rated Expansion Joint SIF-FR-2S Series (050-350)

Drawn by: MVP	Scale: NTS	Drawing Number:
SHT. 1 OF 3	Issue Date: 11/20/2020	30752-01

SELF-EXPANDING FIRE RATED
MICRO-CELL FOAM
(FACTORY PRE-COMPRESSED
TO LESS THAN NOMINAL)

INTEGRAL SMOKE
SHIELD

EPOXY SIDEWALL
ADHESIVE
(BOTH SIDES)

SILICONE FILLET BEAD
(USE ON IRREGULAR
SUBSTRATES)

SINGLE SIDE SILICONE
SURFACE SEAL
FACTORY APPLIED
(AVAILABLE IN
VARIOUS COLORS)

GYPSUM BOARD SHOWN,
CEMENT BOARD, CMU BLOCK
AND CONCRETE WALL DETAILS
(APPROVED SUBSTRATES)
AVAILABLE

JO
(see chart pg.3)

0.25"
[6mm]

SIF-FR-2S SERIES
2 HOUR FIRE RATED
EXPANSION JOINT

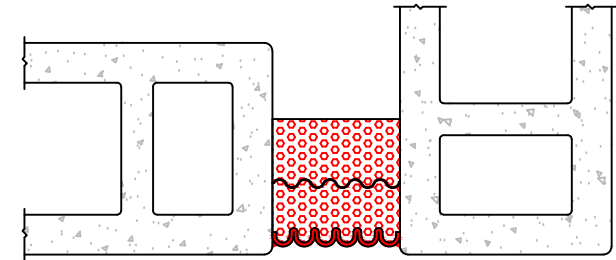


LISTING DESIGN
(see page 3 chart)

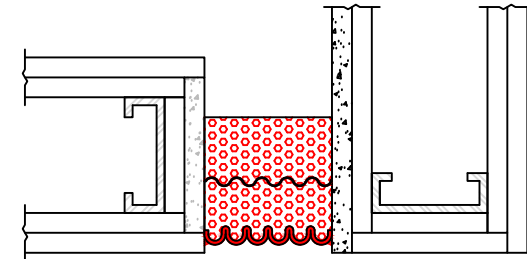
IMPORTANT LIFE SAFETY PRODUCT NOTE
2-HOUR FOAM SEAL FIRE BARRIER MUST BE INSTALLED
IN A PROPERLY CONSTRUCTED 2-HOUR RATED WALL
ASSEMBLY WITH A MINIMUM WALL THICKNESS OF
4.5-INCHES AT THE JOINT FACE. BARRIERS MUST BE
INSTALLED IN STRICT ACCORDANCE WITH
MM SYSTEMS PRODUCT INSTALLATION INSTRUCTIONS.
CONTRACTOR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

SIF-FR-2S Series 2 Hour Fire Rated Expansion Joint Wall-to-Corner (Single Side Silicone)

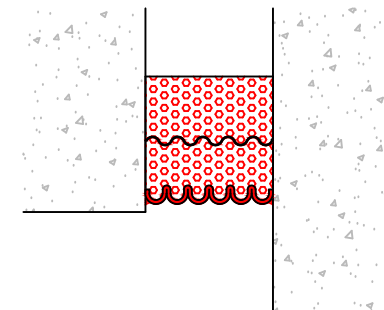
APPROVED SUBSTRATES



CMU BLOCK



CEMENT BOARD



CONCRETE WALL



50 MM WAY
PENDERGRASS, GA. 30567
706-824-7500 PHONE

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Silicone Impregnated Foam - 2 Hour Fire Rated Expansion Joint SIF-FR-2S Series (050-350)

Drawn by:
MVP

SHT. 2 OF 3

Scale:
NTS

Issue Date:
11/20/2020

Drawing Number:

30752-01

(SIF-FR-2S) FIRE RATED SERIES EXPANSION JOINT MOVEMENT CHART

Model Number	UL Listing	Joint Opening (JO ^N)		Thermal / Seismic Movement (JO ^T)				Total (JO ^A)		Lateral Shear		Vertical Displacement		Seal Depth (SD)	
		Nominal		Minimum		Maximum		Movement							
SIF-FR-050-2S	WW-D-0253	0.50	13	0.250	6	0.750	19	0.50	13	0.50	13	0.50	13	4.00	102
SIF-FR-063-2S	WW-D-0253	0.63	16	0.315	8	0.945	24	0.63	16	0.63	16	0.63	16	4.00	102
SIF-FR-075-2S	WW-D-0253	0.75	19	0.375	10	1.125	29	0.75	19	0.75	19	0.75	19	4.00	102
SIF-FR-100-2S	WW-D-0253	1.00	25	0.500	13	1.500	38	1.00	25	1.00	25	1.00	25	4.00	102
SIF-FR-125-2S	WW-D-0253	1.25	32	0.625	16	1.875	48	1.25	32	1.25	32	1.25	32	4.00	102
SIF-FR-150-2S	WW-D-0253	1.50	38	0.750	19	2.250	57	1.50	38	1.50	38	1.50	38	4.00	102
SIF-FR-175-2S	WW-D-0253	1.75	44	0.875	22	2.625	67	1.75	44	1.75	44	1.75	44	4.00	102
SIF-FR-200-2S	WW-D-1228	2.00	51	1.000	25	3.000	76	2.00	51	2.00	51	2.00	51	4.00	102
SIF-FR-225-2S	WW-D-1228	2.25	57	1.125	29	3.375	86	2.25	57	2.25	57	2.25	57	4.00	102
SIF-FR-250-2S	WW-D-1228	2.50	64	1.250	32	3.750	95	2.50	64	2.50	64	2.50	64	4.00	102
SIF-FR-275-2S	WW-D-1228	2.75	70	1.375	35	4.125	105	2.75	70	2.75	70	2.75	70	4.00	102
SIF-FR-300-2S	WW-D-1228	3.00	76	1.500	38	4.500	114	3.00	76	3.00	76	3.00	76	4.00	102
SIF-FR-325-2S*	WW-D-1230	3.25	83	1.625	41	4.875	124	3.25	83	3.25	83	3.25	83	4.00	102
SIF-FR-350-2S*	WW-D-1230	3.50	89	1.750	44	5.250	133	3.50	89	3.50	89	3.50	89	4.00	102

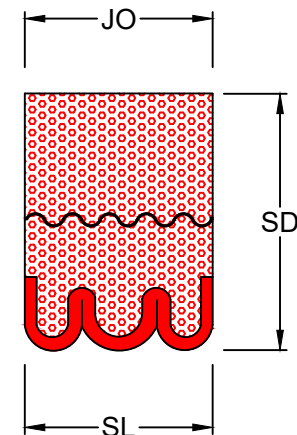
Dimension shown in **inches (bold)** and millimeters.

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

For sizes 050-300, single side silicone fire rated foam seals can be used in gypsum board, cement board, cmu block and concrete wall applications.

*For sizes 325-350, single side silicone fire rated foam seals can only be used in concrete wall applications.

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



SINGLE SIDE
SILICONE



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Silicone Impregnated Foam - 2 Hour Fire Rated Expansion Joint SIF-FR-2S Series (050-350)

Drawn by:
MVP

Scale:
NTS

Drawing Number:

SHT. 3 OF 3

Issue Date:
11/20/2020

30752-01