

SSM-C Series Expansion Joint
Sizes 250 through 550
 (Slab-to-Wall)



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

www.mm.systems

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Split Slab Membrane System

SSM-C Series (250-550)






Drawn by:	Scale:	Drawing Number:
LRM	NTS	
SHT. 1 OF 3	Issue Date:	
	02/12/2025	41200-02

SSM-C SERIES EXPANSION JOINT MOVEMENT CHART

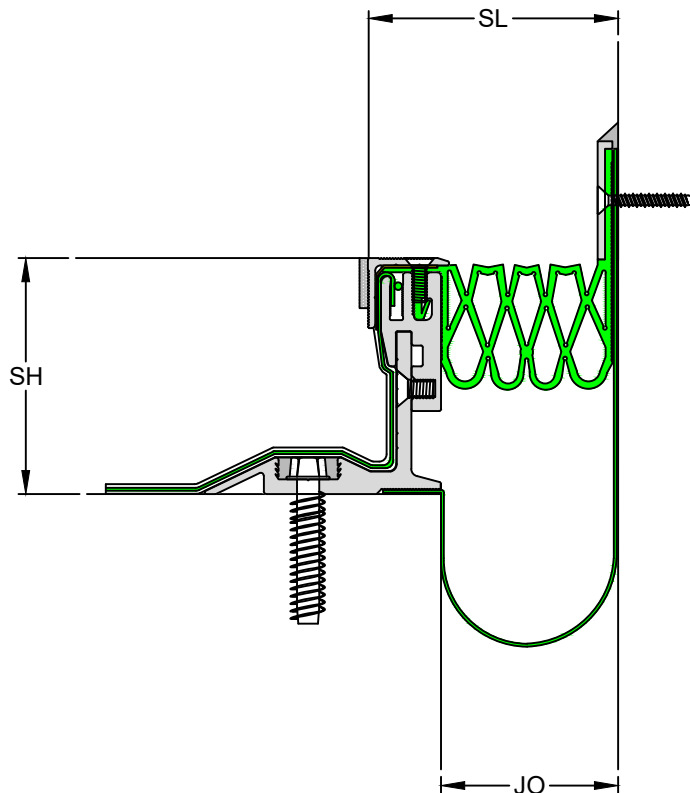
Model Number	Joint Opening (JO ^N)		Sight Line (SL ^N)		Thermal Movement (JO ^T)				Seismic Movement (JO ^S)				Total (JO ^A)	
	Nominal		Nominal		Minimum		Maximum		Minimum		Maximum		Movement	
SSM-C-250	1.50	38	2.75	70	0.75	19	2.50	64	0.75	19	3.25	83	2.50	64
SSM-C-350	2.00	51	3.25	83	1.00	25	3.50	89	1.00	25	4.25	108	3.25	83
SSM-C-450	3.00	76	4.25	108	1.50	38	4.50	114	1.50	38	5.50	140	4.00	102
SSM-C-550	4.00	102	5.25	133	1.50	38	5.50	140	1.50	38	6.50	165	5.00	127

Dimension shown in **inches** (bold) and millimeters. Refer to the SSM AutoCAD file for individual system drawings.

LOAD TABLE

	Safe Walking Surface
	Auto (Low Speed)
	Maintenance Cart
	Passenger Cart
	Rain Resistant

Note: The SSM-C loading capabilities shown above are based upon average vehicular and equipment weights, wheel types and sizes. For project-specific loading capabilities, contact MM Systems with technical data related to wheel type, contact area (footprint), distributed load per wheel, and speed of traffic.



Base Angle	System	
Size	Height (SH)	
4 x 1.75	See Pg. 2	
4 x 2	3.25	83
4 x 2.25	3.5	89
4 x 2.5	3.75	95
4 x 2.75	4	102
4 x 3	4.25	108
4 x 3.25	4.5	114
4 x 3.5	4.75	121
4 x 3.75	5	127
4 x 4	5.25	133
4 x 4.25	5.5	140
4 x 4.5	5.75	146
4 x 4.75	6	152



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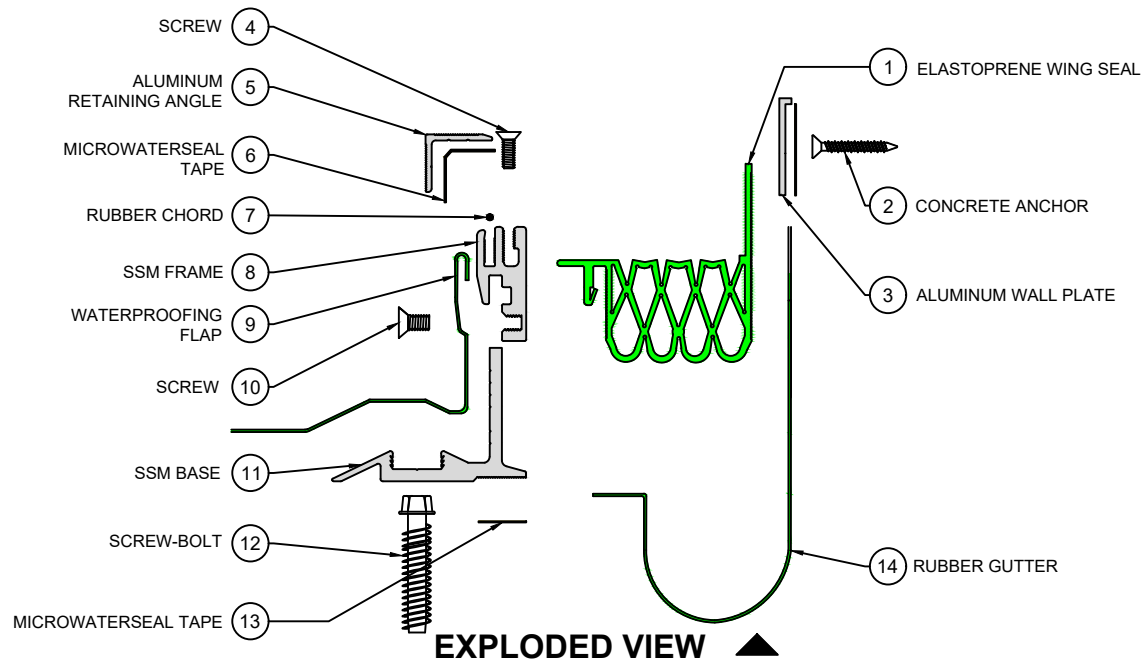
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Scale:
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PART NUMBERS

Locator	Part Component	SSM-C-250	SSM-C-350	SSM-C-450	SSM-C-550
1	Elastoprene Wing Seal	8389-65	8390-65	8391-65	8392-65
2	Concrete Anchor	9377	9377	9377	9377
3	Aluminum Wall Plate	8453	8453	8453	8453
4	Screw	9382	9382	9382	9382
5	Aluminum Retaining Angle	7025-M-10	7025-M-10	7025-M-10	7025-M-10
6	Microwaterseal Tape	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2
7	Rubber Chord	9457	9457	9457	9457
8	SSM Frame	8346	8346	8346	8346
9	Waterproofing Flap	9118-12	9118-12	9118-12	9118-12
10	Screw	9348	9348	9348	9348
11	SSM Base	See Base Frame Chart	See Base Frame Chart	See Base Frame Chart	See Base Frame Chart
12	Screw-Bolt	7420	7420	7420	7420
13	Microwaterseal Tape	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1
14	Rubber Gutter	9109-12	9109-12	9109-18	9109-18

System Height	Base Frame
3.25"	7431 #0200
3.50"	7431 #0204
3.75"	7431 #0208
4.00"	7431 #0212
4.25"	7431 #0300
4.50"	7431 #0304
4.75"	7431 #0308
5.00"	7431 #0312
5.25"	7431 #0400
5.50"	7431 #0404
5.75"	7431 #0408
6.00"	7431



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