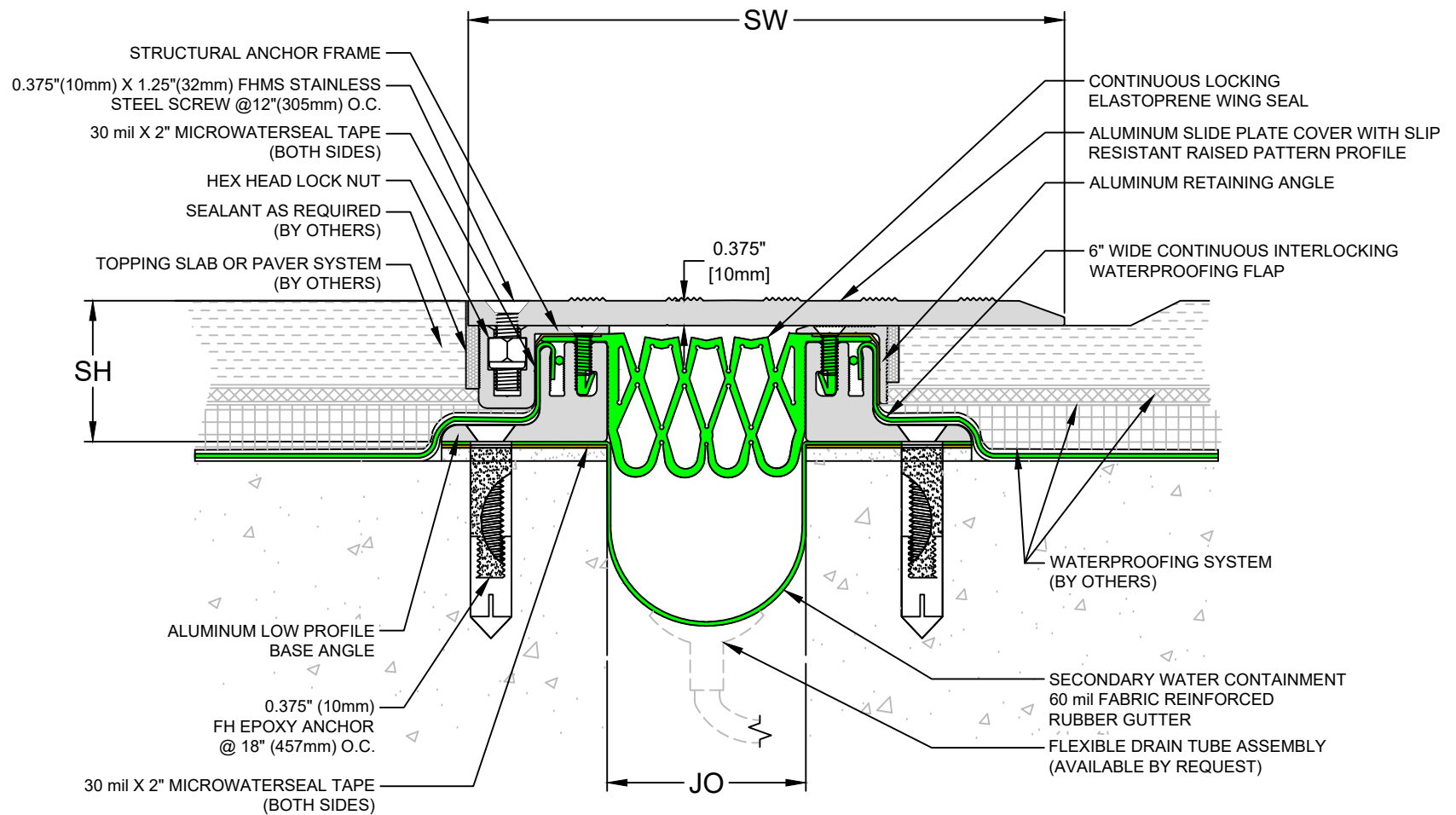




SSC Low Profile Vehicular Series Expansion Joint

Sizes 250 through 550

(Slab-to-Slab)



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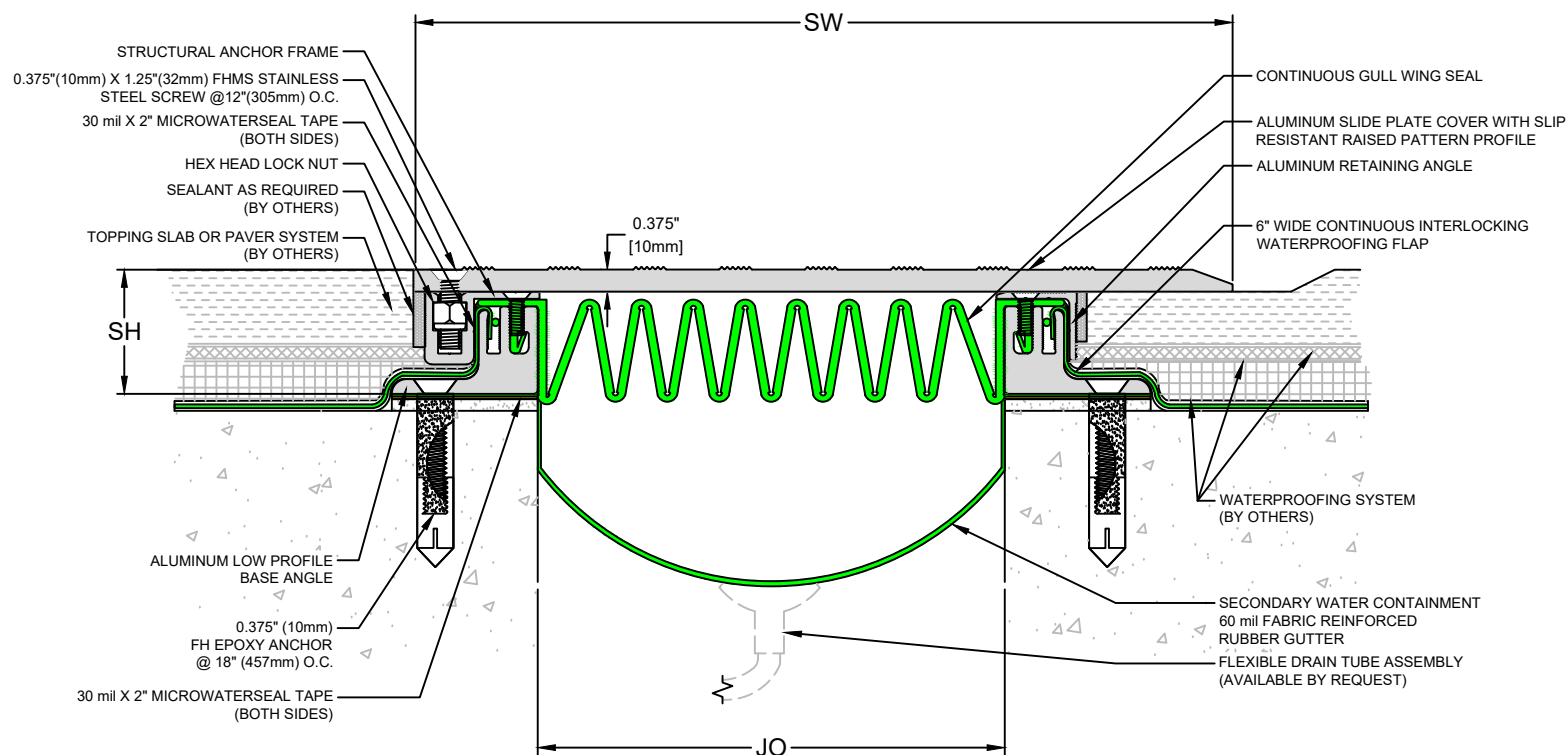
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Split Slab Membrane with Cover Plate System

SSC-LV Series (250-550)

Drawn by: 07/15/2025	Scale: NTS	Drawing Number:
SHT. 1 OF 4	Issue Date: 07/15/2025	NY211012-01



SSC Low Profile Vehicular Series Expansion Joint
Sizes 650 through 1200
 (Slab-to-Slab)



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Split Slab Membrane with Cover Plate System

SSC-LV Series (650-1200)

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SHT. 2 OF 4	Issue Date: 07/15/2025	NY211012-01

SSC SERIES EXPANSION JOINT MOVEMENT CHART

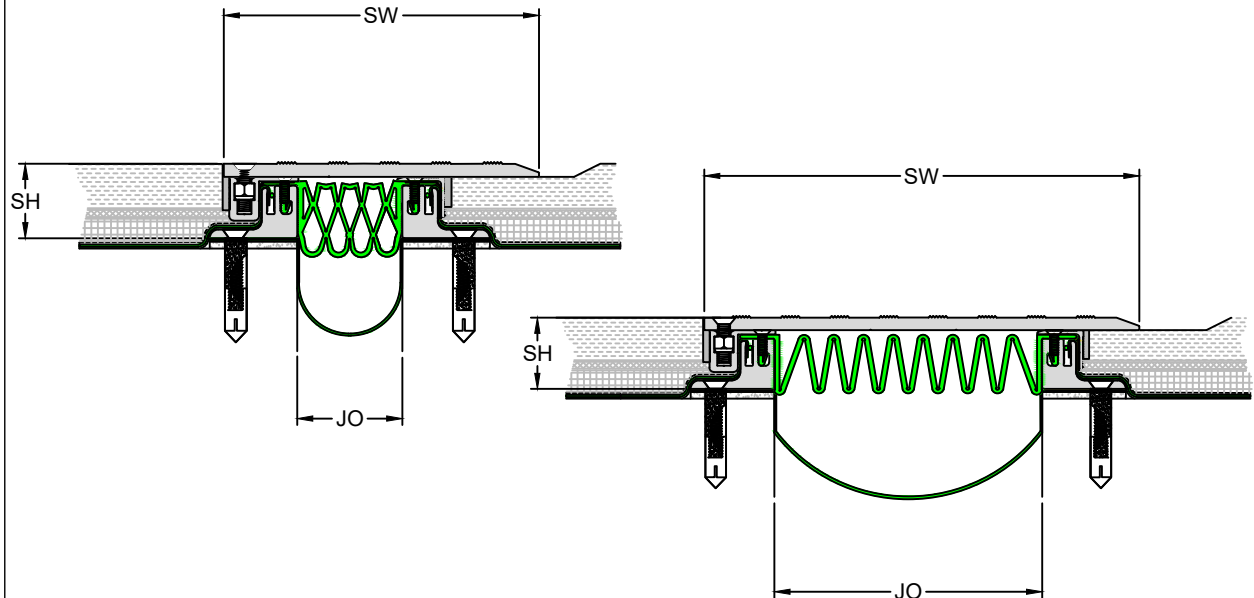
Model Number	Joint Opening (JO ^N)		Slide Plate Width (SW ^N)		Thermal Movement (JO ^T)				Seismic Movement (JO ^S)				Total (JO ^A)	
	Nominal		Nominal		Minimum		Maximum		Minimum		Maximum		Movement	
SSC-250	1.50	38	6.75	172	0.75	19	2.50	64	0.75	19	3.25	83	2.50	64
SSC-350	2.00	51	7.75	197	1.00	25	3.50	89	1.00	25	4.25	108	3.25	83
SSC-450	3.00	76	9.00	229	1.50	38	4.50	114	1.50	38	5.50	140	4.00	102
SSC-550	4.00	102	10.00	254	1.50	38	5.50	140	1.50	38	6.50	165	5.00	127
SSC-650	5.00	127	10.00	254	3.00	76	7.00	178	2.50	64	7.50	191	5.00	127
SSC-750	6.00	152	12.25	311	4.00	102	8.00	203	3.00	76	9.00	229	6.00	152
SSC-850	7.00	178	12.25	311	5.00	127	9.00	229	3.50	89	10.50	267	7.00	178
SSC-950	8.00	203	13.00	356	6.00	152	10.00	254	4.00	102	12.00	305	8.00	203
SSC-1000	10.00	254	17.00	432	8.00	203	12.00	305	5.00	127	15.00	381	10.00	254
SSC-1200	12.00	305	18.00	457	10.00	254	14.00	356	6.00	152	16.00	406	10.00	254

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

LOAD TABLE

	Auto (Low Speed)
	Passenger Cart
	Scissor Lift
	Maintenance Cart
	Safe Walking Surface

Note: The SSC 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.



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Split Slab Membrane with Cover Plate System

SSC-LV Series (250-1200)

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Drawing Number:

SHT. 3 OF 4

Issue Date:
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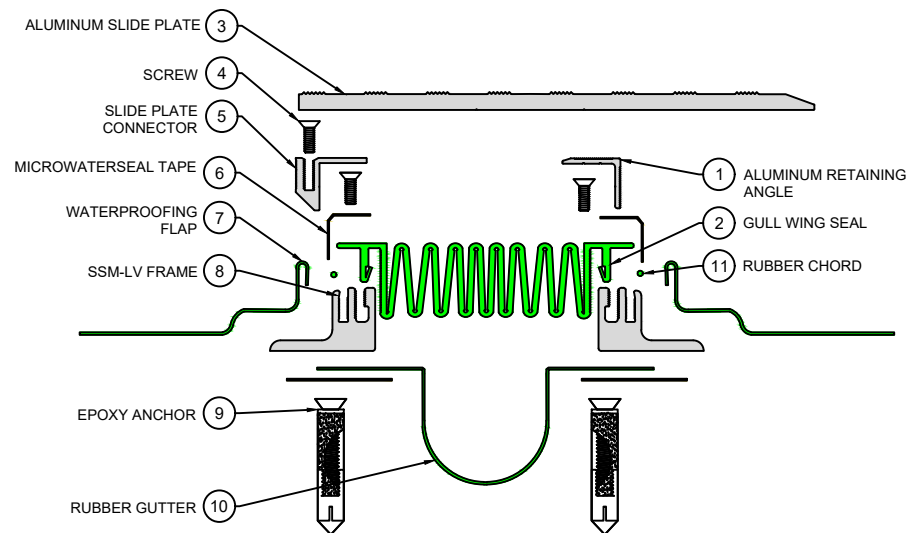
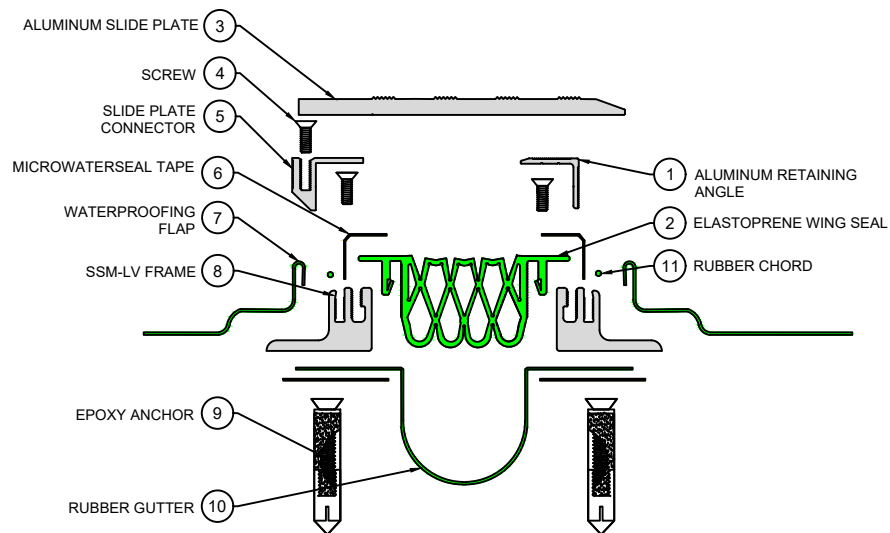
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EXPLODED VIEW ▲

PART NUMBERS ▼

Locator	Part Component	SSC-LV-250	SSC-LV-350	SSC-LV-450	SSC-LV-550	SSC-LV-650	SSC-LV-750	SSC-LV-850	SSC-LV-950	SSC-LV-1000	SSC-LV-1200
1	Aluminum Retaining Angle	7025-M-10	7025-M-10	7025-M-10	7025-M-10	7025-M-10	7025-M-10	7025-M-10	7025-M-10	7025-M-10	7025-M-10
2	Elastoprene Wing Seal	8389-65	8390-65	8391-65	8392-65	AA-0002	AA-0002	AA-0002	AA-0002	AA-0002	AA-0002
3	Aluminum Slide Plate	7147#-M-10-0612-02-12	7147#-M-10-0712-02-12	7148#-M-10-0900-02-12	7148#-M-10-1000-02-12	7148#-M-10-1000-02-12	7148#-M-10-1204-02-12	7148#-M-10-1208-02-12	7149#-M-10-1400-02-12	7150#-M-10-1700-02-12	7150#-M-10-1808-02-12
4	Screw	9382	9382	9382	9382	9382	9382	9382	9382	9382	9382
5	Slide Plate Connector	8415-M-10	8415-M-10	8415-M-10	8415-M-10	8415-M-10	8415-M-10	8415-M-10	8415-M-10	8415-M-10	8415-M-10
6	Microwaterseal Tape	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2
7	Waterproofing Flap	8346	8346	8346	8346	8346	8346	8346	8346	8346	8346
8	SSC-LV Frame	8360-M-10	8360-M-10	8360-M-10	8360-M-10	8360-M-10	8360-M-10	8360-M-10	8360-M-10	8360-M-10	8360-M-10
9	Epoxy Anchor	9039	9039	9039	9039	9039	9039	9039	9039	9039	9039
10	Rubber Gutter	9109-12	9109-12	9109-12	9109-12	9109-12	9109-18	9109-18	9109-18	9109-18	9109-18
11	Rubber Chord	9457	9457	9457	9457	9457	9457	9457	9457	9457	9457
12	Microwaterseal Tape	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1



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Split Slab Membrane with Cover Plate System

SSC-LV Series (250-1200)

Drawn by:
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SHT. 4 OF 4

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