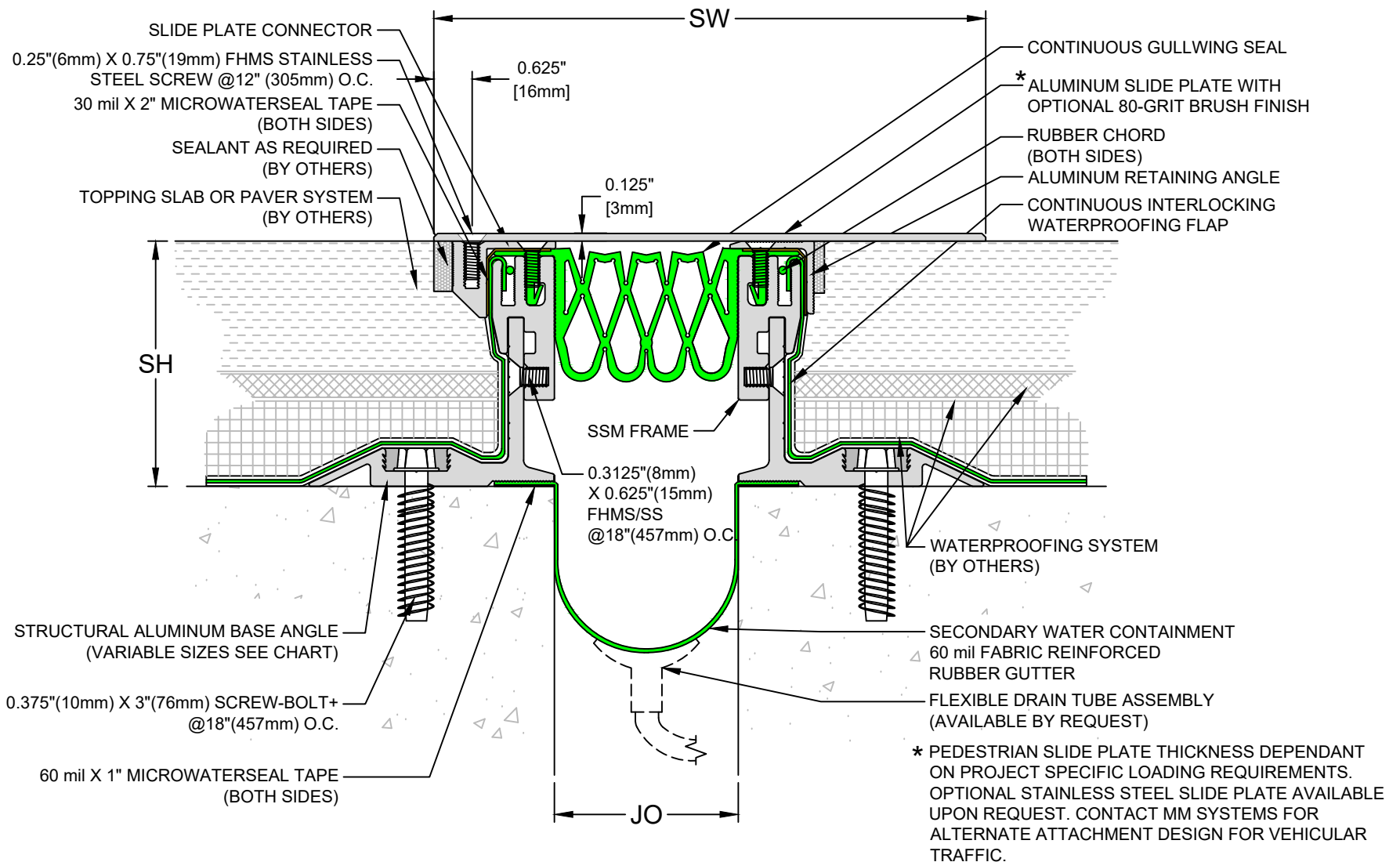




SSC Series Expansion Joint

Sizes 250 through 550

(Slab-to-Slab)



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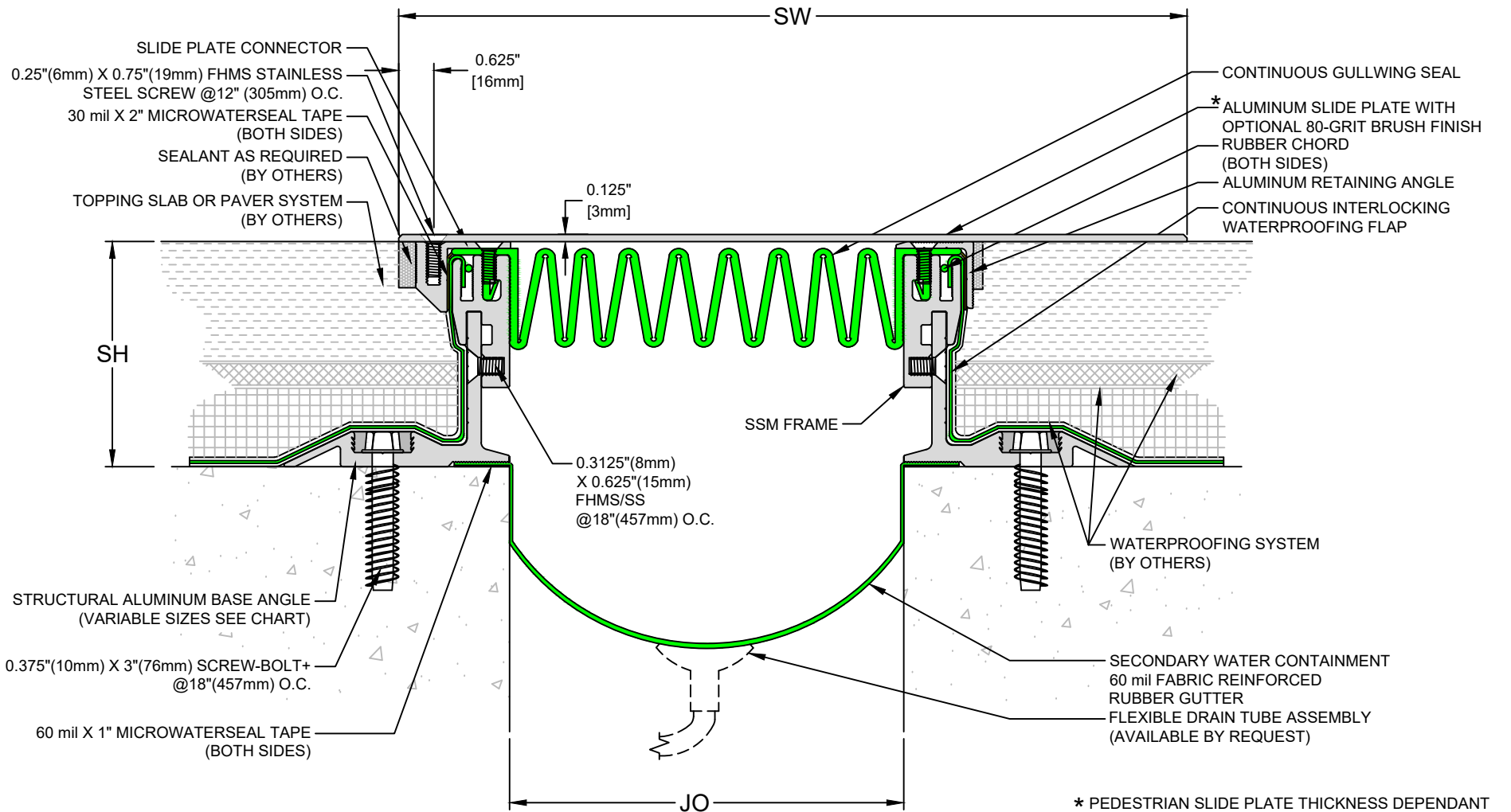
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Split Slab Membrane with Cover Plate System

SSC Series (250-550)

Drawn by: LRM	Scale: NTS	Drawing Number:
SHT. 1 OF 4	Issue Date: 07/10/2025	41250-01



* PEDESTRIAN SLIDE PLATE THICKNESS DEPENDANT ON PROJECT SPECIFIC LOADING REQUIREMENTS. OPTIONAL STAINLESS STEEL SLIDE PLATE AVAILABLE UPON REQUEST. CONTACT MM SYSTEMS FOR ALTERNATE ATTACHMENT DESIGN FOR VEHICULAR TRAFFIC.

SSC Series Expansion Joint

Sizes 650 through 1200

(Slab-to-Slab)



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Split Slab Membrane with Cover Plate System

SSC Series (650-1200)

Drawn by:

LRM

Scale:

NTS

Drawing Number:

SHT. 2 OF 4

Issue Date:

07/10/2025

41250-01

SSC SERIES EXPANSION JOINT MOVEMENT CHART

Model Number	Joint Opening (JO ^A)		Slide Plate Width (SW ^B)		Thermal Movement (JO ^T)				Seismic Movement (JO ^S)				Total (JO ^A)	
	Nominal		Nominal		Minimum		Maximum		Minimum		Maximum		Movement	
SSC-250	1.50	38	7.00	178	0.75	19	2.50	64	0.75	19	3.25	83	2.50	64
SSC-350	2.00	51	8.00	203	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	11.00	280	3.00	76	7.00	178	2.50	64	7.50	191	5.00	127
SSC-750	6.00	152	12.50	318	4.00	102	8.00	203	3.00	76	9.00	229	6.00	152
SSC-850	7.00	178	14.00	356	5.00	127	9.00	229	3.50	89	10.50	267	7.00	178
SSC-950	8.00	203	15.50	394	6.00	152	10.00	254	4.00	102	12.00	305	8.00	203
SSC-1000	10.00	254	18.50	470	8.00	203	12.00	305	5.00	127	15.00	381	10.00	254
SSC-1200	12.00	305	22.00	559	10.00	254	14.00	356	6.00	152	16.00	406	10.00	254

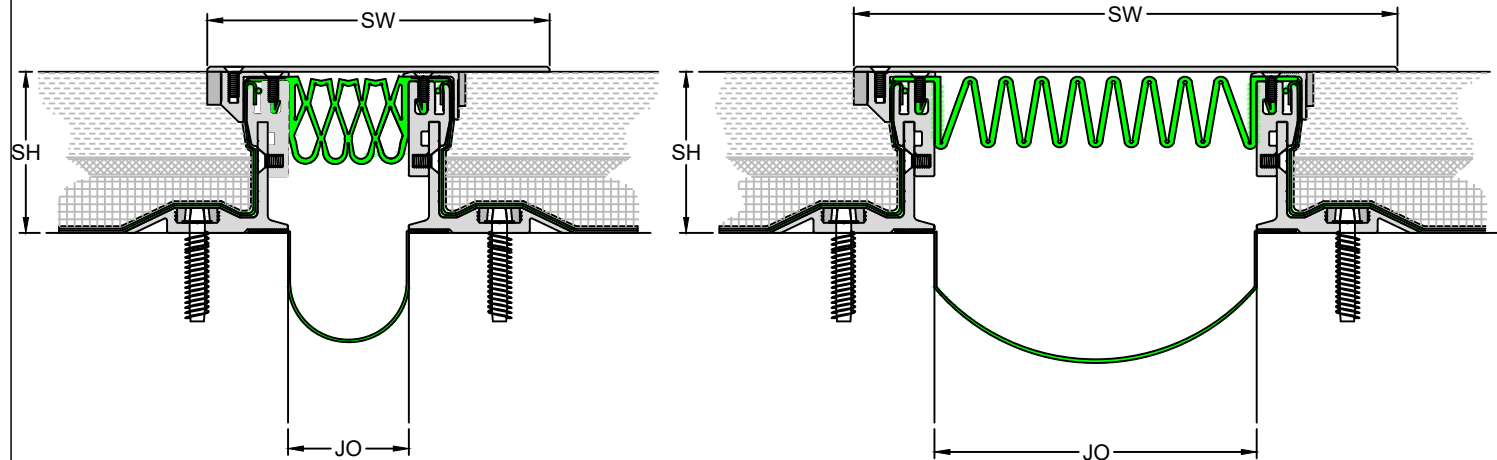
Base Angle	System	
Size	Height (SH)	
4 x 2	3.25	83
4 x 2.25	3.5	89
4 x 2.5	3.75	95
4 x 2.75	4	102
4 x 3	4.25	108
4 x 3.25	4.5	114
4 x 3.5	4.75	121
4 x 3.75	5	127
4 x 4	5.25	133
4 x 4.25	5.5	140
4 x 4.5	5.75	146
4 x 4.75	6	152

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

LOAD TABLE

	ADA Compliant
	Shopping Cart
	Safe Walking Surface
	Maintenance Cart
	Extreme Weather

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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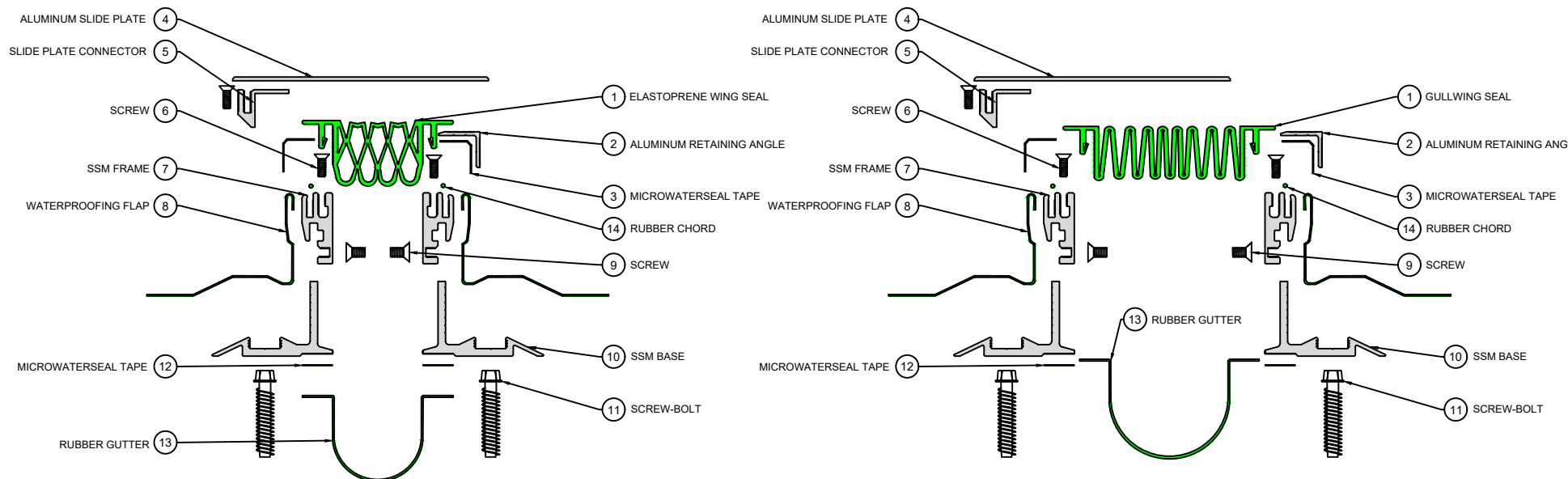
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Split Slab Membrane with Cover Plate System

SSC Series (250-1200)

Drawn by: LRM	Scale: NTS	Drawing Number: 41250-01
SHT. 3 OF 4	Issue Date: 07/10/2025	



EXPLODED VIEW

PART NUMBERS

Locator	Part Component	SSC-250	SSC-350	SSC-450	SSC-550	SSC-650	SSC-750	SSC-850	SSC-950	SSC-1000	SSC-1200
1	Elastoprene Wing Seal	8385-65	8386-65	8387-65	8388-65						
2	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
3	Microwaterseal Tape	Microwaterseal30 X2	Microwaterseal30 X2	Microwaterseal30 X2	Microwaterseal30 X2	Microwaterseal30 X2	Microwaterseal30 X2	Microwaterseal30 X2	Microwaterseal30 X2	Microwaterseal30 X2	Microwaterseal30 X2
4	Aluminum Slide Plate	CPMA-AM-10-0700-00-12	CPMA-AM-10-0708-00-12	CPMA-AM-10-0900-00-12	CPMA-AM-10-1000-00-12	CPMA-AM-10-1100-00-12	CPMA-AM-10-1208-00-12	CPMA-AM-10-1400-00-12	CPMA-AM-10-1508-00-12	CPMA-AM-10-1808-00-12	CPMA-AM-10-2200-00-12
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	Screw	9382	9382	9382	9382	9382	9382	9382	9382	9382	9382
7	SSC Frame	8346	8346	8346	8346	8346	8346	8346	8346	8346	8346
8	Waterproofing Flap	9118-12	9118-12	9118-12	9118-12	9118-12	9118-12	9118-12	9118-12	9118-12	9118-12
9	Screw	9348	9348	9348	9348	9348	9348	9348	9348	9348	9348
10	SSC Base	See Base Frame Chart	See Base Frame Chart	See Base Frame Chart	See Base Frame Chart	See Base Frame Chart	See Base Frame Chart	See Base Frame Chart	See Base Frame Chart	See Base Frame Chart	See Base Frame Chart
11	Screw-Bolt	7420	7420	7420	7420	7420	7420	7420	7420	7420	7420
12	Microwaterseal Tape	Microwaterseal60 X1	Microwaterseal60 X1	Microwaterseal60 X1	Microwaterseal60 X1	Microwaterseal60 X1	Microwaterseal60 X1	Microwaterseal60 X1	Microwaterseal60 X1	Microwaterseal60 X1	Microwaterseal60 X1
13	Rubber Gutter	9109-12	9109-12	9109-12	9109-12	9109-12	9109-18	9109-18	9109-18	9109-18	9109-18
14	Rubber Chord	9457	9457	9457	9457	9457	9457	9457	9457	9457	9457

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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Split Slab Membrane with Cover Plate System

SSC Series (250-1200)

Drawn by:
LRM

SHT. 4 OF 4

Scale:
NTS

Issue Date:
07/10/2025

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