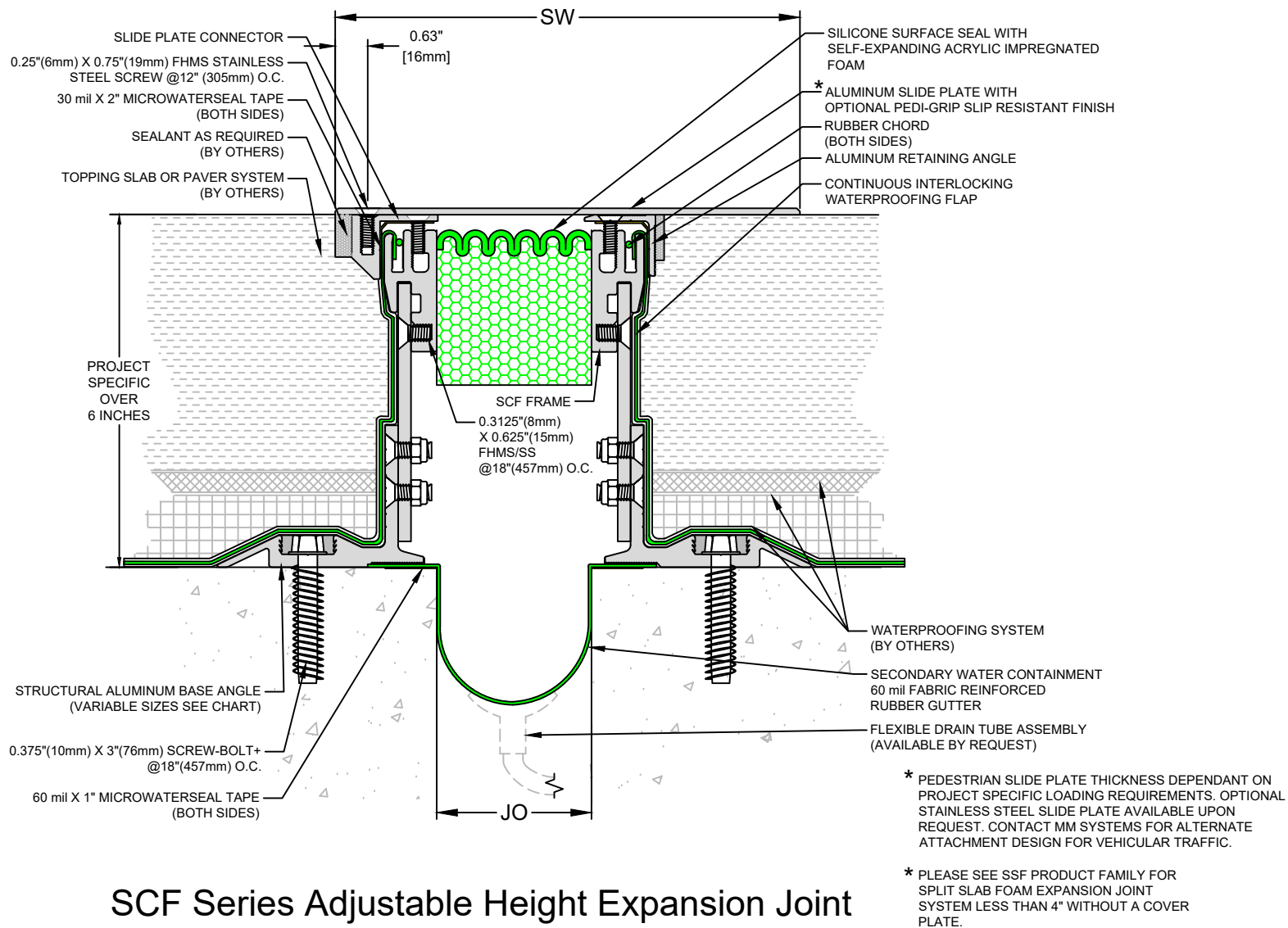




SCF Series Adjustable Height Expansion Joint

Sizes 150 through 600

(Slab-to-Slab)



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

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Split Slab Membrane with Cover Plate System

SCF Adjustable Height Series (150-600)

Drawn by:
LRM

SHT. 1 OF 3

Scale:
NTS

Issue Date:
03/07/2025

Drawing Number:

10300-01

SCF SERIES EXPANSION JOINT MOVEMENT CHART

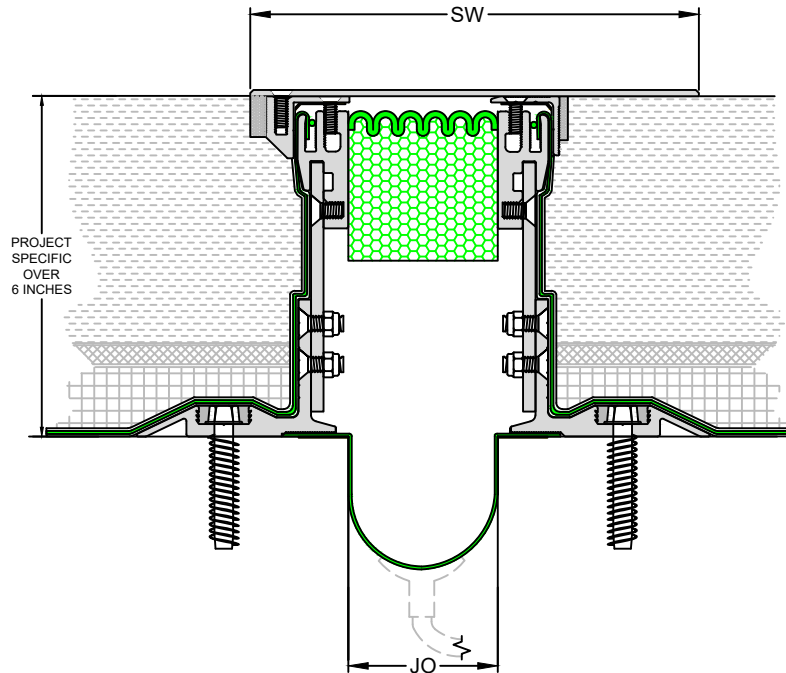
Model Number	Joint Opening (JO ^N)		Sight Line (SL ^N)		Thermal/Seismic Movement (JO ^T)				Total (JO ^A)	
	Nominal		Nominal		Minimum		Maximum		Movement	
SCF-150-AH	1.50	38	7.50	191	0.75	19	2.25	57	1.50	38
SCF-200-AH	2.00	51	6.50	165	1.00	25	3.00	76	2.00	51
SCF-300-AH	3.00	76	7.50	190	1.50	38	4.50	114	3.00	76
SCF-400-AH	4.00	102	8.50	216	2.00	51	6.00	152	4.00	102
SCF-500-AH	5.00	127	9.50	241	2.50	64	7.50	191	5.00	127
SCF-600-AH	6.00	152	10.50	267	3.00	76	9.00	229	6.00	152

Dimension shown in **inches** (bold) and millimeters. Refer to the SCF AutoCAD file for individual system drawings. Please see SSF product family for split slab foam expansion joint system less than 4" without a cover plate.

LOAD TABLE

	ADA Compliant
	Safe Walking Surface
	Shopping Cart
	Maintenance Cart
	Extreme Weather

Note: The SCF-AH loading capabilities shown above are based upon average 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 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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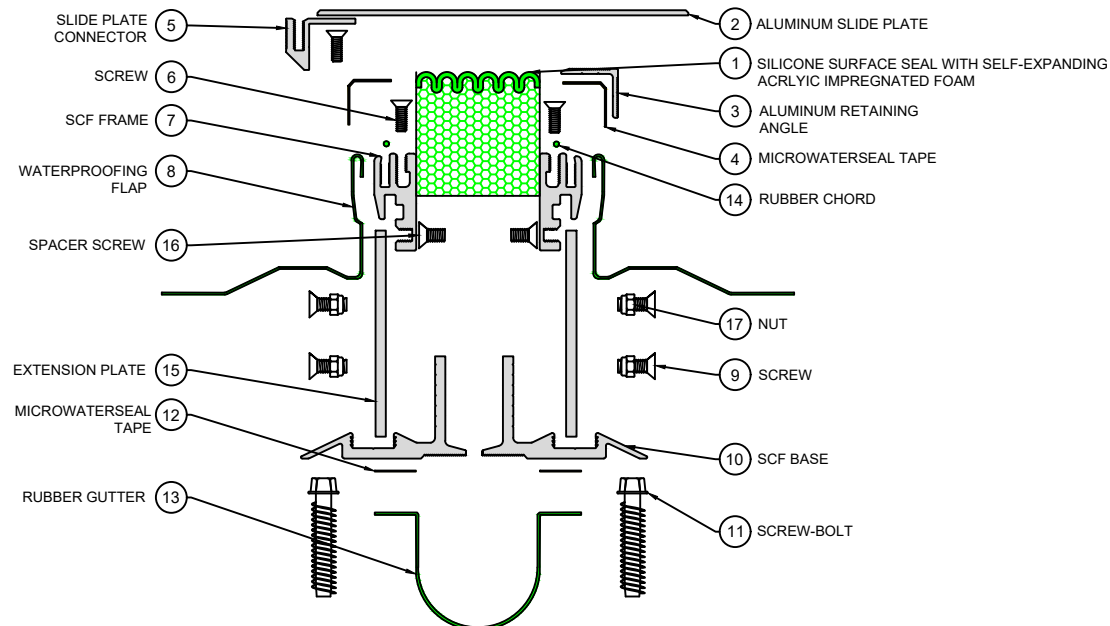
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Split Slab Membrane with Cover Plate System

SCF Adjustable Height Series (150-600)

Drawn by: LRM	Scale: NTS	Drawing Number: 10300-01
SHT. 2 OF 3	Issue Date: 03/07/2025	



EXPLODED VIEW

PART NUMBERS

Locator	Part Component	SCF-150-AH	SCF-200-AH	SCF-300-AH	SCF-400-AH	SCF-500-AH	SCF-600-AH	Frame Height	Base Frame
1	Self-Expanding Foam	8470-150	8470-200	8470-300	8470-400	8470-500	8470-600	3.25"	7431#0200
2	Aluminum Slide Plate	CPCA-AM-10-0708-00-1 2	CPCA-AM-10-0708-00-1 2	CPMC-AM-10-0900-00-1 2	CPMC-AM-10-1000-00-1 2	CPMC-AM-10-1100-00-1 2	CPMC-AM-10-1208-00-1 2	3.50"	7431#0204
3	Aluminum Retaining Angle	7025-M-10	7025-M-10	7025-M-10	7025-M-10	7025-M-10	7025-M-10	3.75"	7431#0208
4	Microwaterseal Tape	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	4.00"	7431#0212
5	Slide Plate Connector	8415-M-10	8415-M-10	8415-M-10	8415-M-10	8415-M-10	8415-M-10	4.25"	7431#0300
6	Screw	9382	9382	9382	9382	9382	9382	4.50"	7431#0304
7	SCF Frame	8436	8436	8436	8436	8436	8436	4.75"	7431#0308
8	Waterproofing Flap	9118-12	9118-12	9118-12	9118-12	9118-12	9118-12	5.00"	7431#0312
9	Screw	9334	9334	9334	9334	9334	9334	5.25"	7431#0400
10	SCF 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	5.50"	7431#0404
11	Screw-Bolt	7420	7420	7420	7420	7420	7420	5.75"	7431#0408
12	Microwaterseal Tape	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	6.00"	7431
13	Rubber Gutter	9109-12	9109-12	9109-12	9109-12	9109-12	9109-12		
14	Rubber Chord	9457	9457	9457	9457	9457	9457		
15	Spacer Frame	Project Specific	Project Specific	Project Specific	Project Specific	Project Specific	Project Specific		
16	Spacer Screw	9348	9348	9348	9348	9348	9348		



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Split Slab Membrane with Cover Plate System

SCF Adjustable Height Series (150-600)

Drawn by: LRM	Scale: NTS	Drawing Number:
SHT. 3 OF 3	Issue Date: 03/07/2025	10300-01