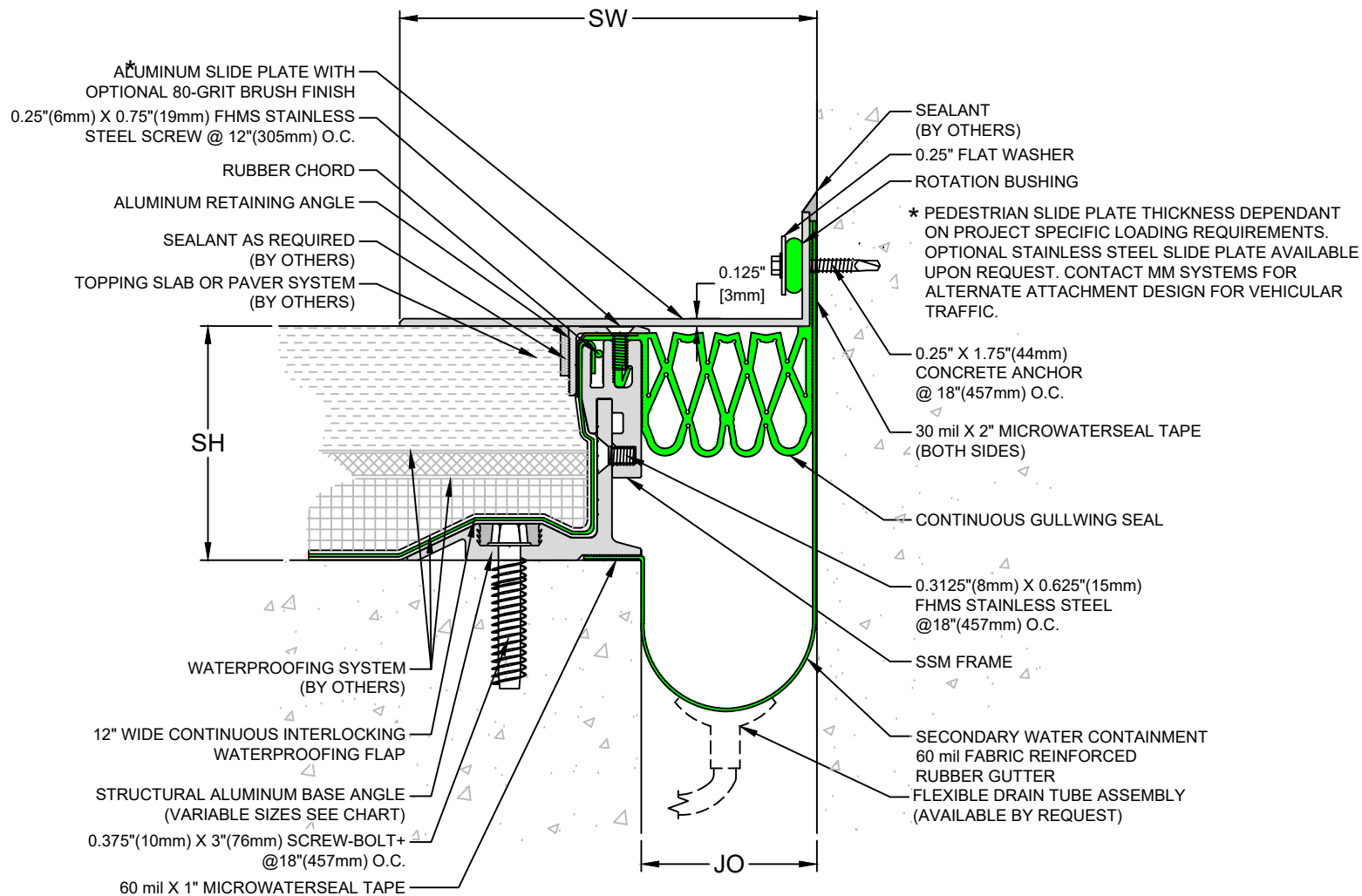




SSC-C Series Expansion Joint

Sizes 250 through 550 (Slab-to-Wall)



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

www.mm.systems

For Spec-Data, Install Guides, and other data visit www.mm.systems

RIGHTS OF DESIGN

All rights of design, detail, engineering and/or invention contained herein are the property of MM Systems and hereby reserved and are not to be reproduced or provided to any other party. MM Systems reserves the right to amend or withdraw any information contained herein without notice and will not be liable for any inaccuracy or ambiguity of said information.

Split Slab Membrane with Cover Plate System

SSC-C Series (250-550)

Drawn by:

LRM

Scale:

NTS

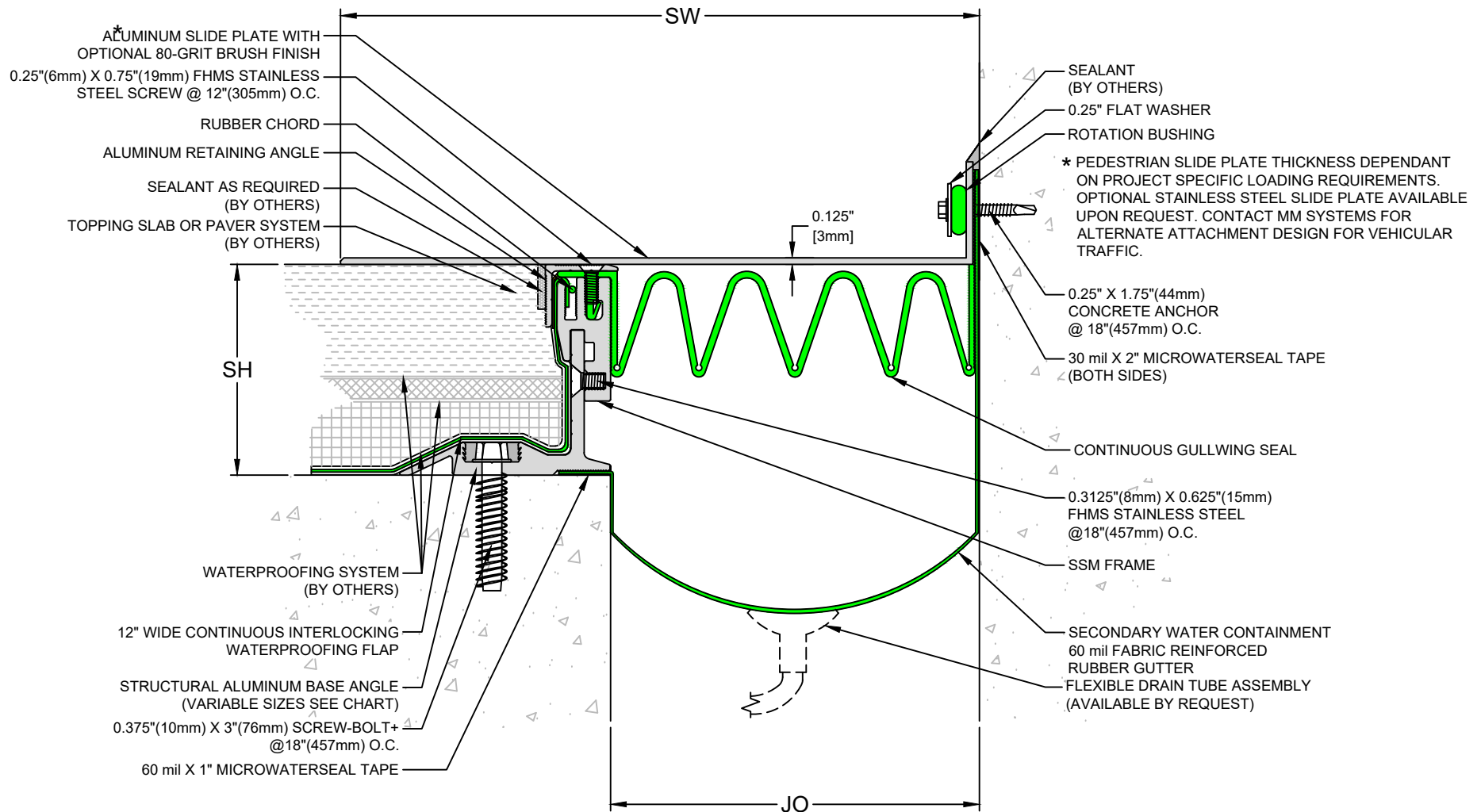
Drawing Number:

SHT. 1 OF 4

Issue Date:

07/10/2025

41250-02



SSC-C Series Expansion Joint

Sizes 650 through 1200 (Slab-to-Wall)



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

www.mm.systems

For Spec-Data, Install Guides, and other data visit www.mm.systems

RIGHTS OF DESIGN

All rights of design, detail, engineering and/or invention contained herein are the property of MM Systems and hereby reserved and are not to be reproduced or provided to any other party. MM Systems reserves the right to amend or withdraw any information contained herein without notice and will not be liable for any inaccuracy or ambiguity of said information.

Split Slab Membrane with Cover Plate System

SSC-C Series (650-1200)

Drawn by: LRM	Scale: NTS	Drawing Number:
SHT. 2 OF 4	Issue Date: 07/10/2025	41250-02

SSC-C 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-C-250	1.50	38	5.00	127	0.75	19	2.50	64	0.75	19	3.25	83	2.50	64
SSC-C-350	2.00	51	6.00	152	1.00	25	3.50	89	1.00	25	4.25	108	3.25	83
SSC-C-450	3.00	76	7.00	178	1.50	38	4.50	114	1.50	38	5.50	140	4.00	102
SSC-C-550	4.00	102	8.00	203	1.50	38	5.50	140	1.50	38	6.50	165	5.00	127
SSC-C-650	5.00	127	9.00	229	3.00	76	7.00	178	2.50	64	7.50	191	5.00	127
SSC-C-750	6.00	152	10.50	267	4.00	102	8.00	203	3.00	76	9.00	229	6.00	152
SSC-C-850	7.00	178	12.00	305	5.00	127	9.00	229	3.50	89	10.50	267	7.00	178
SSC-C-950	8.00	203	13.50	343	6.00	152	10.00	254	4.00	102	12.00	305	8.00	203
SSC-C-1000	10.00	254	16.50	419	8.00	203	12.00	305	5.00	127	15.00	381	10.00	254
SSC-C-1200	12.00	305	19.50	495	10.00	254	14.00	356	6.00	152	16.00	406	10.00	254

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

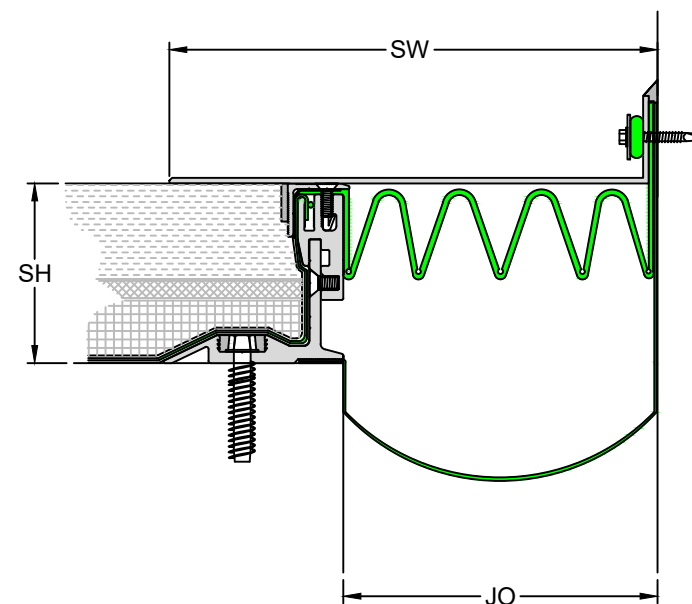
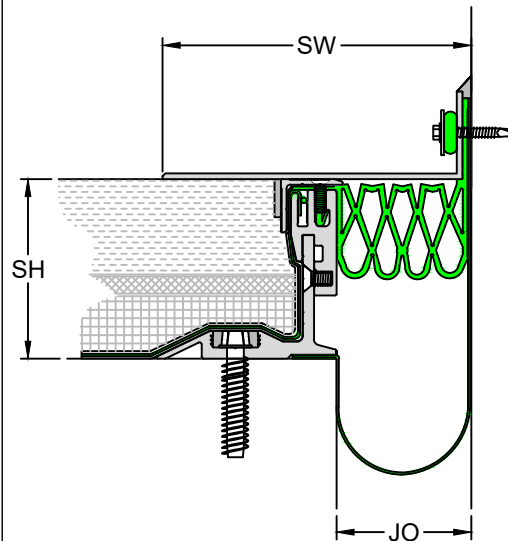
See Detail 41200-04 for Low Profile.

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

LOAD TABLE

	ADA Compliant
	Shopping Cart
	Safe Walking Surface
	Maintenance Cart
	Extreme Weather

Note: The SSC-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.



RIGHTS OF DESIGN

All rights of design, detail, engineering and/or invention contained herein are the property of MM Systems and hereby reserved and are not to be reproduced or provided to any other party. MM Systems reserves the right to amend or withdraw any information contained herein without notice and will not be liable for any inaccuracy or ambiguity of said information.

Split Slab Membrane with Cover Plate System

SSC-C Series (250-1200)

Drawn by:
LRM

Scale:
NTS

Drawing Number:

SHT. 3 OF 4

Issue Date:
07/10/2025

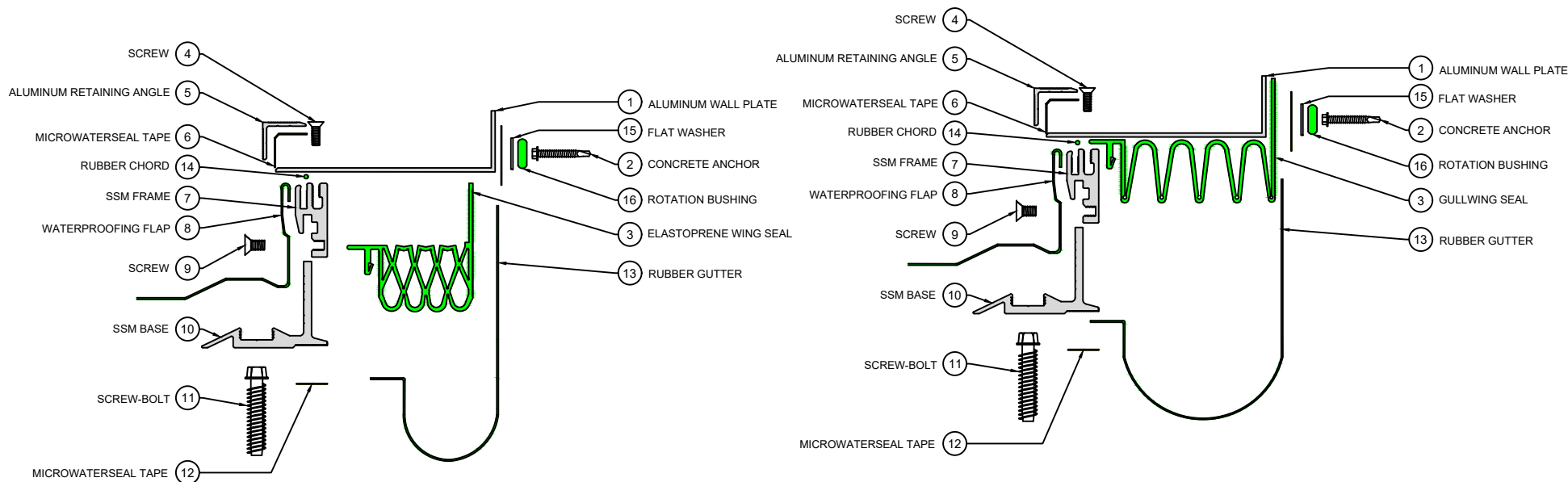
41250-02



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

www.mm.systems

For Spec-Data, Install Guides, and other data visit www.mm.systems



EXPLODED VIEW

PART NUMBERS

Locator	Part Component	SSC-C-250	SSC-C-350	SSC-C-450	SSC-C-550	SSC-C-650	SSC-C-750	SSC-C-850	SSC-C-950	SSC-C-1000	SSC-C-1200	System Height	Base Frame
1	Aluminum Wall Plate	WAAA-AM-10-05 00-00-18	WAAA-AM-10-06 00-00-18	WAAA-AM-10-07 00-00-18	WAAA-AM-10-08 00-00-18	WAAA-AM-10-09 00-00-18	WAAA-AM-10-1 008-00-18	WAAA-AM-10-1 200-00-18	WAAA-AM-10-1 308-00-18	WAAA-AM-10-1 608-00-18	WAAA-AM-10-1 908-00-18	3.25"	7431#0200
2	Concrete Anchor	9402	9402	9402	9402	9402	9402	9402	9402	9402	9402	3.50"	7431#0204
3	Elastoprene Wing Seal	8389-65	8390-65	8391-65	8392-65	RS-0023	RS-0023	RS-0023	RS-0023	RS-0023	RS-0023	3.75"	7431#0208
4	Screw	9382	9382	9382	9382	9382	9382	9382	9382	9382	9382	4.00"	7431#0212
5	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	4.25"	7431#0300
6	Microwaterseal Tape	Microwaterseal3 0X2	Microwaterseal3 0X2	Microwaterseal3 0X2	Microwaterseal3 0X2	Microwaterseal3 0X2	Microwaterseal3 0X2	Microwaterseal3 0X2	Microwaterseal3 0X2	Microwaterseal3 0X2	Microwaterseal3 0X2	4.50"	7431#0304
7	SSC Frame	8346	8346	8346	8346	8346	8346	8346	8346	8346	8346	4.75"	7431#0308
8	Waterproofing Flap	9118-12	9118-12	9118-12	9118-12	9118-12	9118-12	9118-12	9118-12	9118-12	9118-12	5.00"	7431#0312
9	Screw	9348	9348	9348	9348	9348	9348	9348	9348	9348	9348	5.25"	7431#0400
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	5.50"	7431#0404
11	Screw-Bolt	7420	7420	7420	7420	7420	7420	7420	7420	7420	7420	5.75"	7431#0408
12	Microwaterseal Tape	Microwaterseal6 0X1	Microwaterseal6 0X1	Microwaterseal6 0X1	Microwaterseal6 0X1	Microwaterseal6 0X1	Microwaterseal6 0X1	Microwaterseal6 0X1	Microwaterseal6 0X1	Microwaterseal6 0X1	Microwaterseal6 0X1	6.00"	7431
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		
15	Flat Washer	8312-1/4	8312-1/4	8312-1/4	8312-1/4	8312-1/4	8312-1/4	8312-1/4	8312-1/4	8312-1/4	8312-1/4		
16	Rotation Bushing	9455	9455	9455	9455	9455	9455	9455	9455	9455	9455		



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

www.mm.systems

For Spec-Data, Install Guides, and other data visit www.mm.systems

RIGHTS OF DESIGN

All rights of design, detail, engineering and/or invention contained herein are the property of MM Systems and hereby reserved and are not to be reproduced or provided to any other party. MM Systems reserves the right to amend or withdraw any information contained herein without notice and will not be liable for any inaccuracy or ambiguity of said information.

Split Slab Membrane with Cover Plate System

SSC-C Series (250-1200)

Drawn by:
LRM

SHT. 4 OF 4

Scale:
NTS

Issue Date:
07/10/2025

Drawing Number:

41250-02