

SSM Low Profile Series Expansion Joint

Sizes 250 through 550

(Slab-to-Slab)



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 System

SSM-LP Series (250-550)

Drawn by:

JRC

Scale:

NTS

Drawing Number:

SHT. 1 OF 3

Issue Date:
11/01/2024






41200-11

SSM-LP SERIES EXPANSION JOINT MOVEMENT CHART

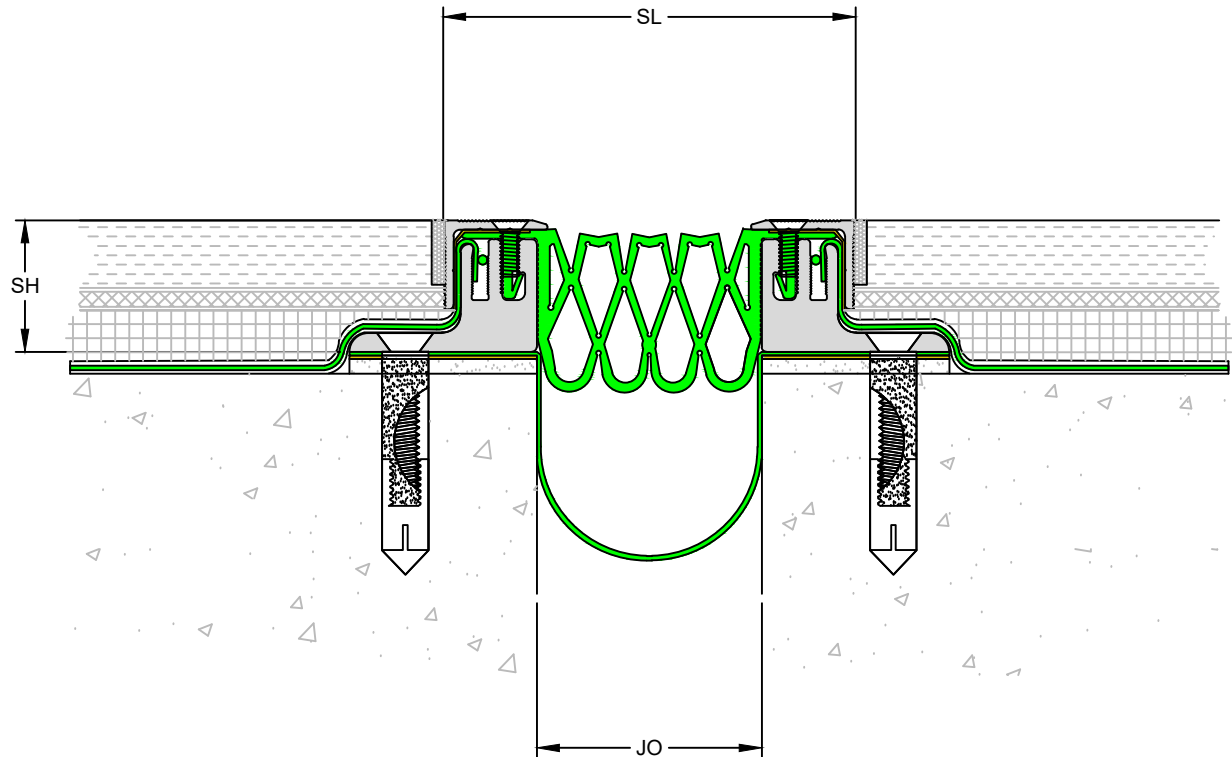
Model Number	Joint Opening (JO ^N)		Sight Line (SL ^N)		Thermal Movement (JO ^T)				Seismic Movement (JO ^S)				Total (JO ^A) Movement		Total (JO ^A) Movement	
	Nominal		Nominal		Minimum		Maximum		Minimum		Maximum					
SSM-250-LP	1.50	38	4.00	102	0.75	19	2.50	64	0.75	19	3.25	83	2.50	64	2.50	64
SSM-350-LP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

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

LOAD TABLE

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

Note: The SSM-LP 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.



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 System

SSM-LP Series (250-550)

Drawn by:

JRC

Scale:

NTS

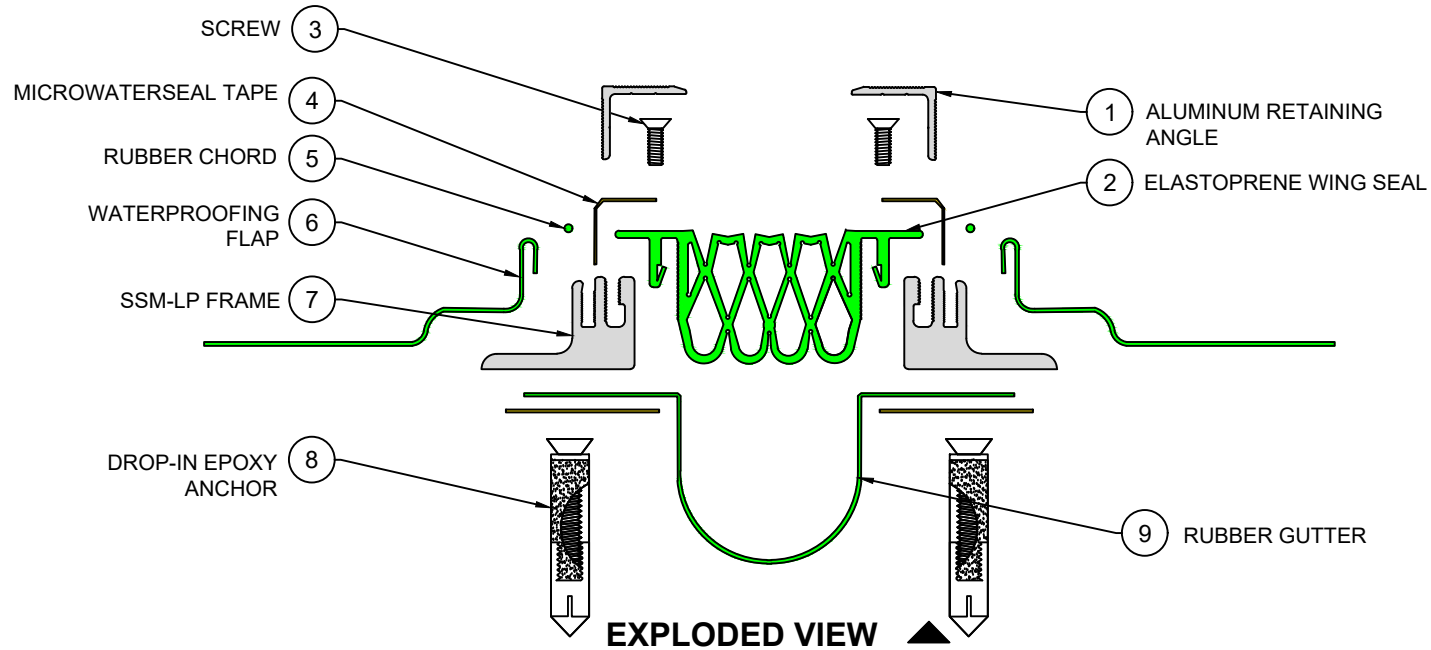
Drawing Number:

SHT. 2 OF 3

Issue Date:

11/01/2024

41200-11



PART NUMBERS

Locator	Part Designation	SSM-250-LP	SSM-350-LP	SSM-450-LP	SSM-550-LP
1	Aluminum Retaining Angle	7025-M-10	7025-M-10	7025-M-10	7025-M-10
2	Elastoprene Wing Seal	8385-65	8386-65	8387-65	8388-65
3	Screw	9382	9382	9382	9382
4	Microwaterseal Tape	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2
5	Rubber Chord	9457	9457	9457	9457
6	Waterproofing Flap	9118-12	9118-12	9118-12	9118-12
7	SSM-LP Frame	8360-M-10	8360-M-10	8360-M-10	8360-M-10
8	Drop-In Epoxy Anchor	9039	9039	9039	9039
9	Rubber Gutter	9109-12	9109-12	9109-18	9109-18



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 System

SSM-LP Series (250-550)

Drawn by: JRC	Scale: NTS	Drawing Number: 41200-11
SHT. 3 OF 3	Issue Date: 11/01/2024	