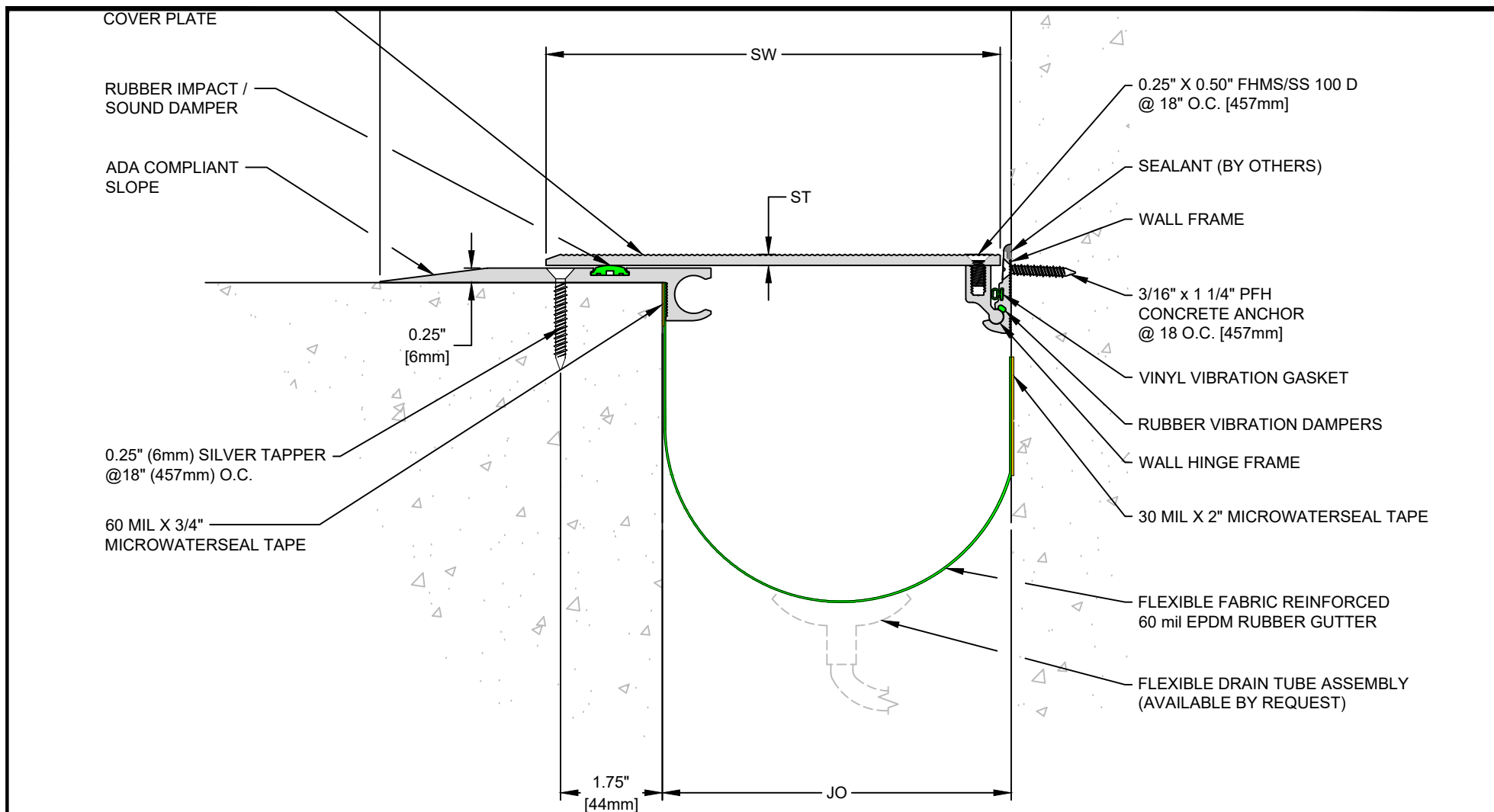




SMP-C Series Expansion Joint
Sizes 400 through 1200
(Slab-to-Wall)



50 MM WAY
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Surface Mount Seismic Cover Expansion Joint

SMP-C Series (400-1200)/50% Movement

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SHT. 1 OF 3	Issue Date: 06/10/2025	31200-03

SMP-C SERIES EXPANSION JOINT MOVEMENT CHART (400-1200)

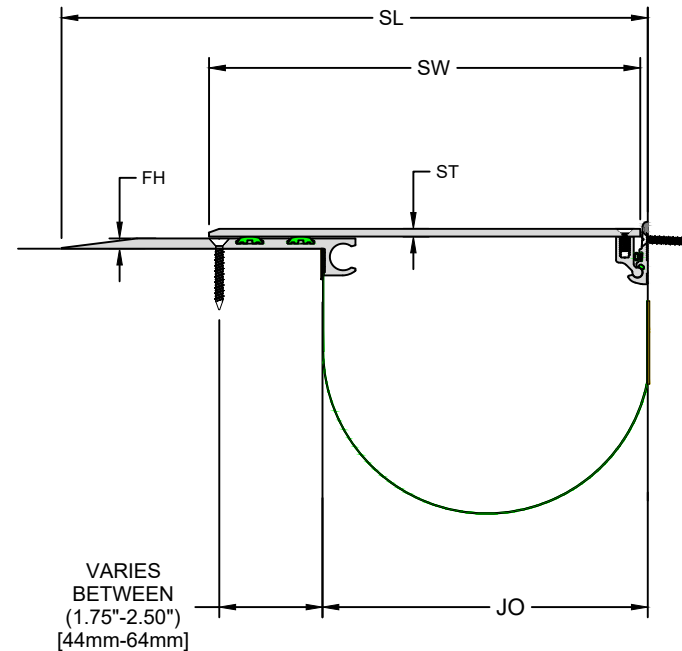
Model Number	Joint Opening (JO ^N)		Sight Line (SL ^N)		Thermal Movement (JO ^T)				Seismic Movement (JO ^S)				Total (JO ^A)		Slide Plate Thickness (ST)		Slide Plate Width (SW)	
	Nominal		Nominal		Minimum		Maximum		Minimum		Maximum		Movement					
SMP-C-400	4.00	102	8.86	225	3.00	76	5.00	127	2.50	64	5.00	127	2.50	64	0.188	4	5.56	141
SMP-C-600	6.00	152	10.86	276	5.00	127	7.00	178	2.50	64	7.50	191	5.00	127	0.188	4	7.81	198
SMP-C-800	8.00	203	14.36	365	7.00	178	9.00	229	2.50	64	10.00	254	7.50	191	0.188	4	10.56	268
SMP-C-1000	10.00	254	16.36	416	9.00	229	11.00	279	2.50	64	12.50	318	10.00	254	0.188	4	12.81	325
SMP-C-1200	12.00	305	18.36	466	11.00	279	13.00	330	2.50	64	15.00	381	12.50	318	0.250	6	15.06	383

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

LOAD TABLE

	Passenger Cart
	Maintenance Cart
	Hand Truck
	Safe Walking Surface
	ADA Compliant

Note: The SMP-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.



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Surface Mount Seismic Cover Expansion Joint

SMP-C Series (400-1200)/50% Movement

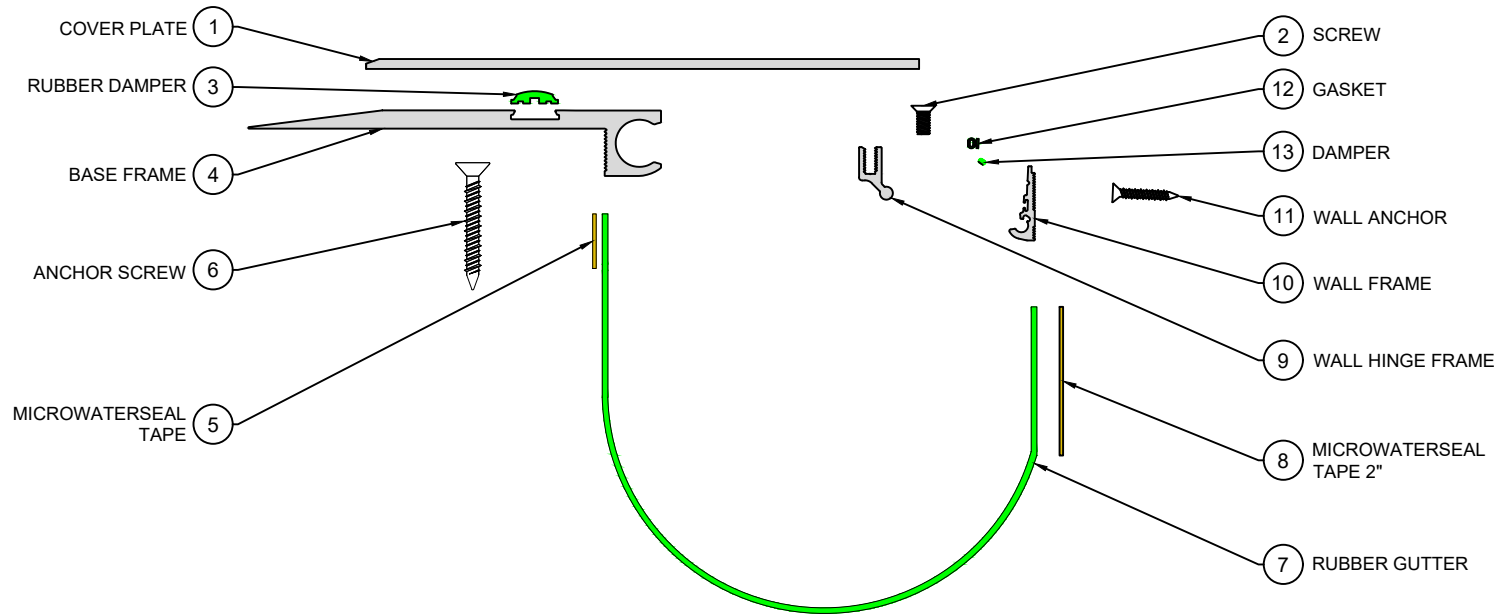
Drawn by: LRM	Scale: NTS	Drawing Number:
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EXPLODED VIEW ▲

PART NUMBERS ▼

Locator	Part Component	SMP-C-400	SMP-C-600	SMP-C-800	SMP-C-1000	SMP-C-1200	SMP-C-1400	SMP-C-1600
1	Cover Plate	7158#0509-M-00-24	7158#0713-M-00-24	CPEB-AT-10-1009-00-24	CPEB-AT-10-1213-00-24	CPEC-AT-10-1500-00-24	CPEC-AT-10-1905-00-24	CPEC-AT-10-2200-00-24
2	Screw	9552	9552	9552	9552	9552	9552	9552
3	Rubber Damper	8461-65	8461-65	8461-65	8461-65	8461-65	8461-65	8461-65
4	Base Frame	ASSY-71397143-M-10-00-18	ASSY-71397143-M-10-00-18	ASSY-71387143-M-10-00-18	ASSY-71387143-M-10-00-18	ASSY-71387143-M-10-00-18	ASSY-71377143-M-10-00-18	ASSY-71377143-M-10-00-18
5	Microwaterseal Tape	Microwaterseal60X3/4	Microwaterseal60X3/4	Microwaterseal60X3/4	Microwaterseal60X3/4	Microwaterseal60X3/4	Microwaterseal60X3/4	Microwaterseal60X3/4
6	Anchor Screw	9377	9377	9377	9377	9377	9377	9377
7	Rubber Gutter	9109-14	9109-18	9109-24	9109-26	9109-26	9109-30	9109-30
8	Microwaterseal Tape	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2
9	Wall Hinge Frame	7190-M-10	7190-M-10	7190-M-10	7190-M-10	7190-M-10	7190-M-10	7190-M-10
10	Wall Frame	7191-M-10	7191-M-10	7191-M-10	7191-M-10	7191-M-10	7191-M-10	7191-M-10
11	Wall Anchor	9397	9397	9397	9397	9397	9397	9397
12	Gasket	9118-12	9118-12	9118-12	9118-12	9118-12	9118-12	9118-12
13	Damper	9457	9457	9457	9457	9457	9457	9457



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Surface Mount Seismic Cover Expansion Joint

SMP-C Series (400-1200)/50% Movement

Drawn by: LRM	Scale: NTS	Drawing Number:
SHT. 3 OF 3	Issue Date: 06/10/2025	31200-03