

SMP Series Expansion Joint

Sizes 400 through 1200 (Slab-to-Slab)



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

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Surface Mount Seismic Cover Expansion Joint

SMP Series (400-1200)/50% Movement

Drawn by:

LRM

Scale:

NTS

Drawing Number:

SHT. 1 OF 3

Issue Date:
06/10/2025

31200-01

SMP 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-400	4.00	102	13.71	348	2.00	51	6.00	152	2.00	51	6.00	152	4.00	102	0.188	4	7.50	191
SMP-600	6.00	152	15.71	399	4.00	102	8.00	203	2.00	51	9.00	229	7.00	178	0.188	4	10.00	254
SMP-800	8.00	203	20.73	527	6.00	152	10.00	254	2.00	51	12.00	305	10.00	254	0.188	4	13.50	343
SMP-1000	10.00	254	22.73	577	8.00	203	12.00	305	2.00	51	15.00	381	13.00	330	0.188	4	16.00	406
SMP-1200	12.00	305	24.73	628	10.00	254	14.00	356	2.00	51	18.00	457	16.00	406	0.250	6	18.50	470

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

LOAD TABLE



Passenger Cart



Maintenance Cart



Hand Truck

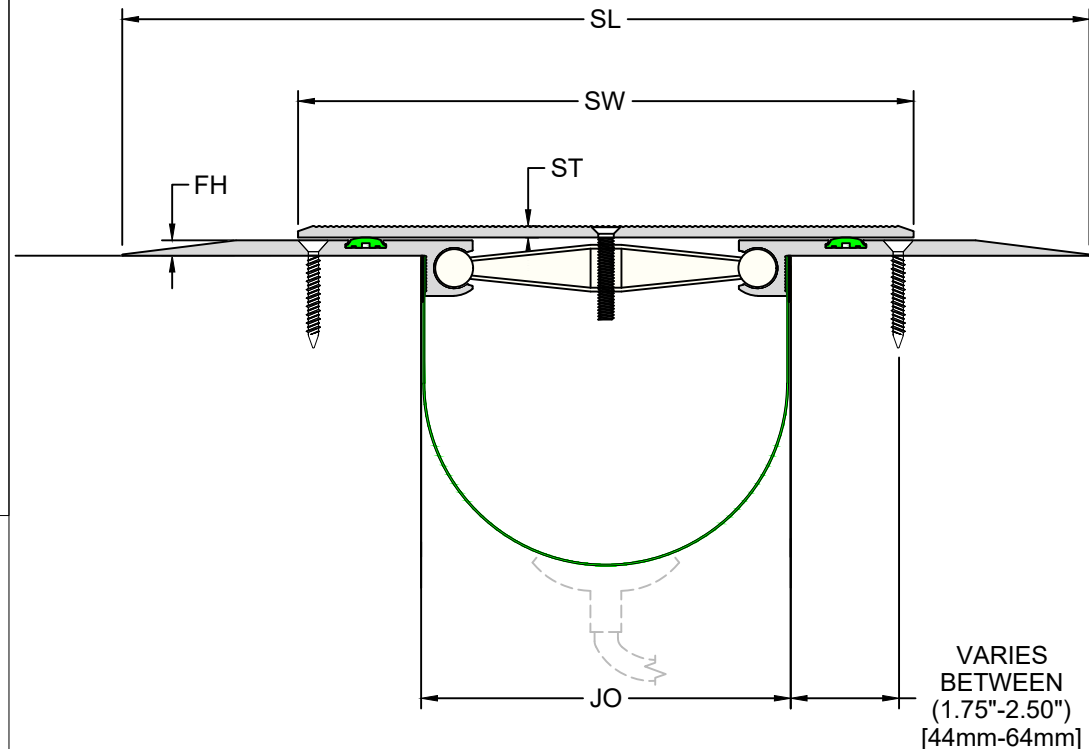


Safe Walking Surface



ADA Compliant

Note: The SMP 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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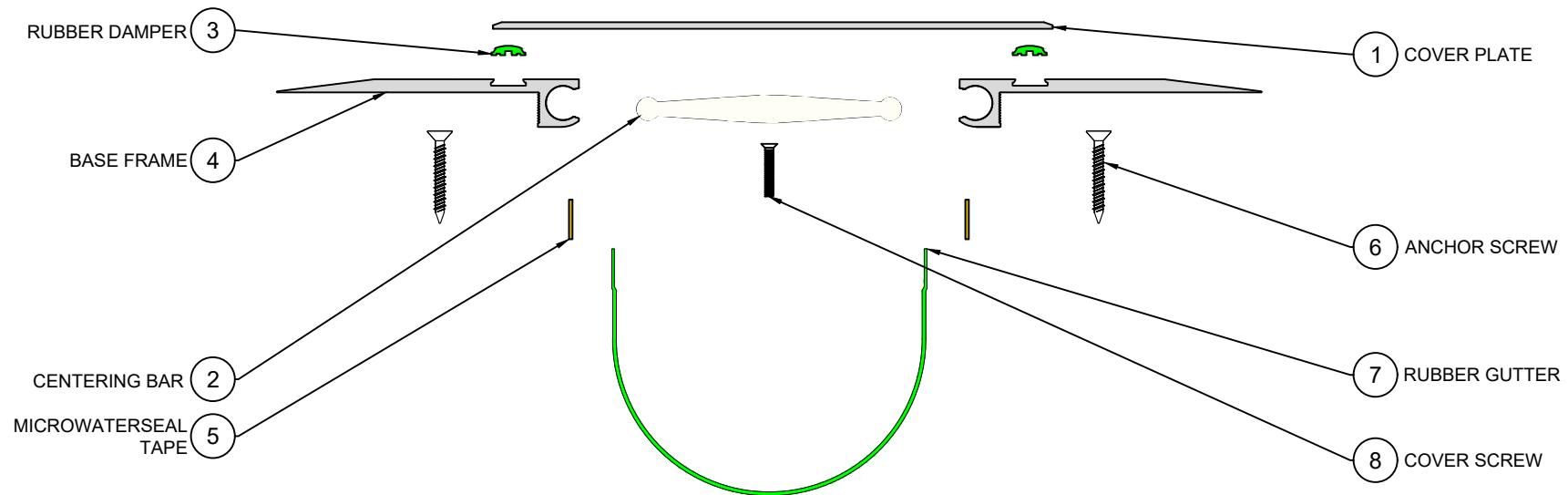
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SHT. 2 OF 3

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31200-01



EXPLODED VIEW ▲

PART NUMBERS ▼

Locator	Part Component	SMP-400	SMP-600	SMP-800	SMP-1000	SMP-1200
1	Cover Plate	7158#0708-M-00-24	7158#1000-M-00-24	CPEB-AT-10-1308-00-24	CPEB-AT-10-1600-00-24	CPEC-AT-10-1808-00-24
2	Centering Bar	ASSY-SCD-1000-v2	ASSY-SCD-1000-v2	ASSY-SCD-1200-v2	ASSY-SCD-1800-v2	ASSY-SCD-2000-T001-v2
3	Rubber Damper	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
5	Microwaterseal Tape	Microwaterseal60X3/4	Microwaterseal60X3/4	Microwaterseal60X3/4	Microwaterseal60X3/4	Microwaterseal60X3/4
6	Anchor Screw	9377	9377	9377	9377	9377
7	Rubber Gutter	9109-14	9109-18	9109-24	9109-26	9109-26
8	Cover Screw	9371	9371	9371	8325	8325



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SHT. 3 OF 3	Issue Date: 06/10/2025	31200-01