

HIGH DENSITY RUBBER IMPACT /
SOUND DAMPER

0.25"(6mm)-20 X 0.75"(19mm)
STAINLESS STEEL FHMS @
18"(457mm) O.C.

LOKCRETE ELASTOMERIC
CONCRETE EMBEDDED MATERIAL
(RECOMMENDED)

HEAVY DUTY ALUMINUM SLIDE PLATE
COVER WITH SLIP RESISTANT RAISED
PATTERN PROFILE

RECESSED EXTENSION PLATE

HEAVY DUTY STRUCTURAL
EXTENDED BASE FRAME

0.375"(10mm) X 3"(76mm)
SCREW-BOLT+ @18" (457mm) O.C.

60 MIL X 3/4"
MICROWATERSEAL TAPE

*IMPORTANT DIMENSION -
ACHIEVE REQUIRED DEPTH
BY EXACT FORMING,
GRINDING, MILLING OR
STRUCTURAL LEVELING BED

SL

SW

0.50"
[13mm]

0.3125"(10mm) X 0.75"(19mm)
STAINLESS STEEL FHMS
@12"(305mm) O.C.

BACKER ROD AND CAULK
(BY OTHERS)

0.25" (6mm) X 1.75" (44mm) CONCRETE
ANCHOR
@ 18" (475mm) O.C.

STAINLESS STEEL SPRING

30 MIL X 2"
MICROWATERSEAL TAPE

WALL MOUNT HINGE FRAME &
SEISMIC ARM

60 mil FABRIC REINFORCED RUBBER
GUTTER

FLEXIBLE DRAIN TUBE ASSEMBLY
(AVAILABLE BY REQUEST)

ST

2.375"
[60mm]

2.875"
[73mm]

BW

JO

SSP-C Series Expansion Joint
Sizes 200 through 1200
(Slab-to-Wall)



50 MM WAY
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Seismic Slide Plate Extra Heavy Duty Expansion Joint

SSP-C Series (200-1200) / 50% Movement

Drawn by:
MVP

Scale:
NTS

Drawing Number:

SHT. 1 OF 3

Issue Date:
11/05/2024

31300-03

SSP-C SERIES EXPANSION JOINT MOVEMENT CHART

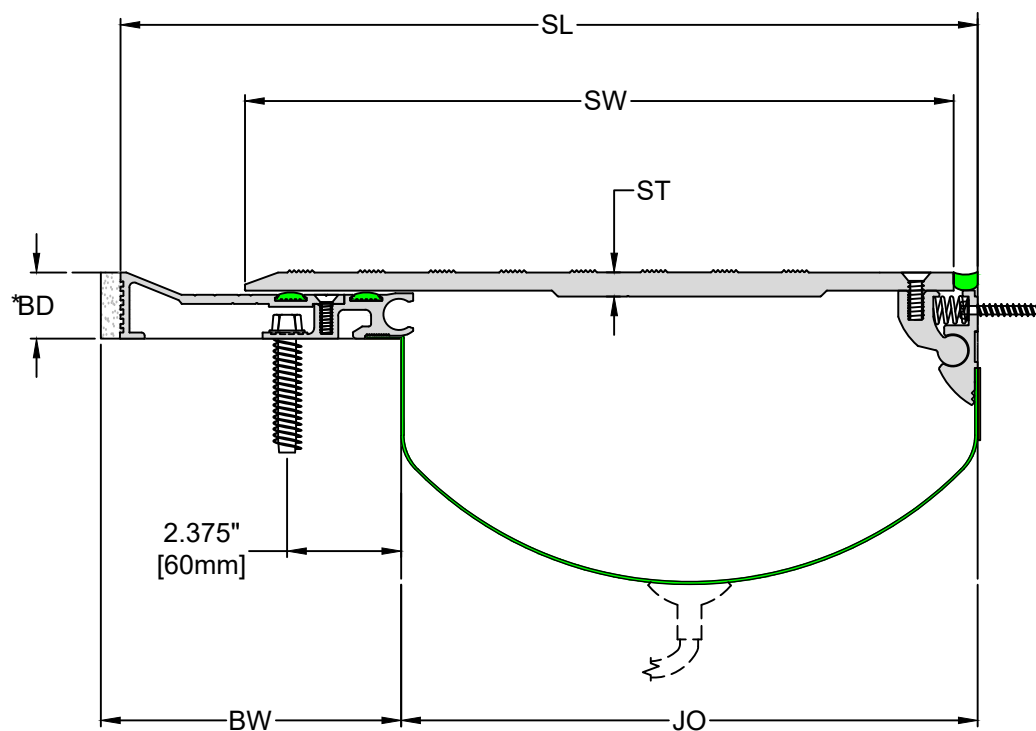
Model Number	Joint Opening (JO ^N)		Sight Line (SL ^N)		Thermal Movement (JO ^T)				Seismic Movement (JO ^S)				Total (JO ^A)		Slide Plate		Slide Plate Width		Blockout Width (BW)		Blockout Depth (BD)	
	Nominal		Nominal		Minimum		Maximum		Minimum		Maximum		Movement		Thickness (ST)		(SW)					
SSP-C-200	2.00	51	5.52	140	2.00	51	2.50	64	2.00	51	2.50	64	0.50	13	0.250	6	2.75	70	4.00	102	1.375	35
SSP-C-400	4.00	102	8.02	204	3.00	76	5.00	127	3.00	76	5.00	127	2.00	51	0.250	6	5.25	133	4.50	114	1.375	35
SSP-C-600	6.00	152	10.27	261	5.00	127	7.00	178	4.50	114	7.50	191	3.00	76	0.375	10	7.50	191	4.75	121	1.375	35
SSP-C-800	8.00	203	13.84	352	7.00	178	9.00	229	6.00	152	10.00	254	4.00	102	0.375	10	10.25	260	6.25	159	1.375	35
SSP-C-1000	10.00	254	15.84	402	9.00	229	11.00	279	7.50	191	12.50	318	5.00	127	0.375	10	12.50	318	6.25	159	1.375	35
SSP-C-1200	12.00	305	17.84	453	11.00	279	13.00	330	9.00	229	15.00	381	6.00	152	0.500	13	14.75	375	6.25	159	1.375	35

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

LOAD TABLE

	Auto (Low Speed)
	Maintenance Cart
	Bus (Low Speed)
	AASHTO HS20 (Low Speed)
	Safe Walking Surface

Note: The SSP-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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Seismic Slide Plate Extra Heavy Duty Expansion Joint SSP-C Series (200-1200) / 50% Movement

Drawn by:
MVP

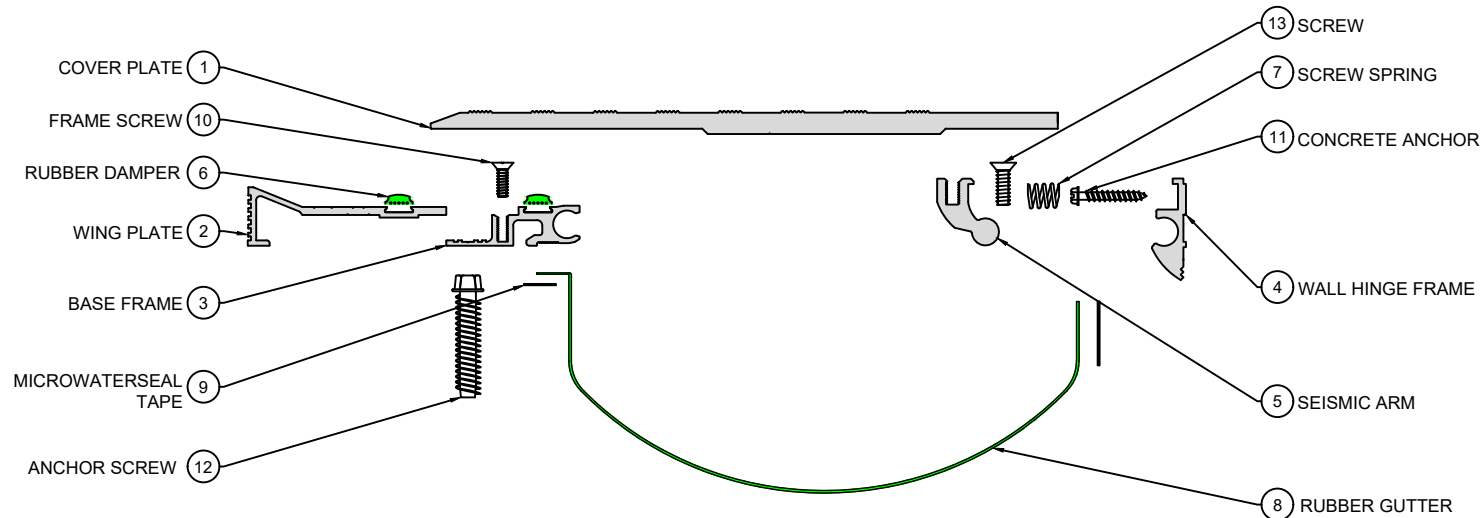
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NOTE: LOKCRETE BEDDING COMPOUND
 (8333) Not shown.

EXPLODED VIEW ▲

PART NUMBERS ▼

Locator	Part Component	SSP-C-200	SSP-C-400	SSP-C-600	SSP-C-800	SSP-C-1000	SSP-C-1200
1	Cover Plate	7146	7146#0504-M-10-01-18	7147#-M-10-0708-01-12	7148#-M-10-1004-01-18	7149#-M-10-1208-01-18	7150#-M-10-1212-01-18
2	Wing Plate	7132#0205-M-10-00-18	7132#0213-M-10-00-18	7132#0301-M-10-00-18	7132-M-10-00-18	7132-M-10-00-18	7132-M-10-00-18
3	Base Frame	7130-M-10	7130-M-10	7130-M-10	7130-M-10	7130-M-10	7130-M-10
4	Wall Hinge Frame	8358	8358	8358	8358	8358	8358
5	Seismic Arm	8357	8357	8357	8357	8357	8357
6	Rubber Damper	8461-65	8461-65	8461-65	8461-65	8461-65	8461-65
7	Screw Spring	8317	8317	8317	8317	8317	8317
8	Rubber Gutter	9109-12	9109-14	9109-18	9109-24	9109-24	9109-26
9	Microwaterseal Tape	Microwaterseal60X3/4	Microwaterseal60X3/4	Microwaterseal60X3/4	Microwaterseal60X3/4	Microwaterseal60X3/4	Microwaterseal60X3/4
10	Frame Screw	9382	9382	9382	9382	9382	9382
11	Concrete Anchor	9397	9397	9397	9397	9397	9397
12	Anchor Screw	7420	7420	7420	7420	7420	7420
13	Screw	9349	9349	9349	9349	9349	9349



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