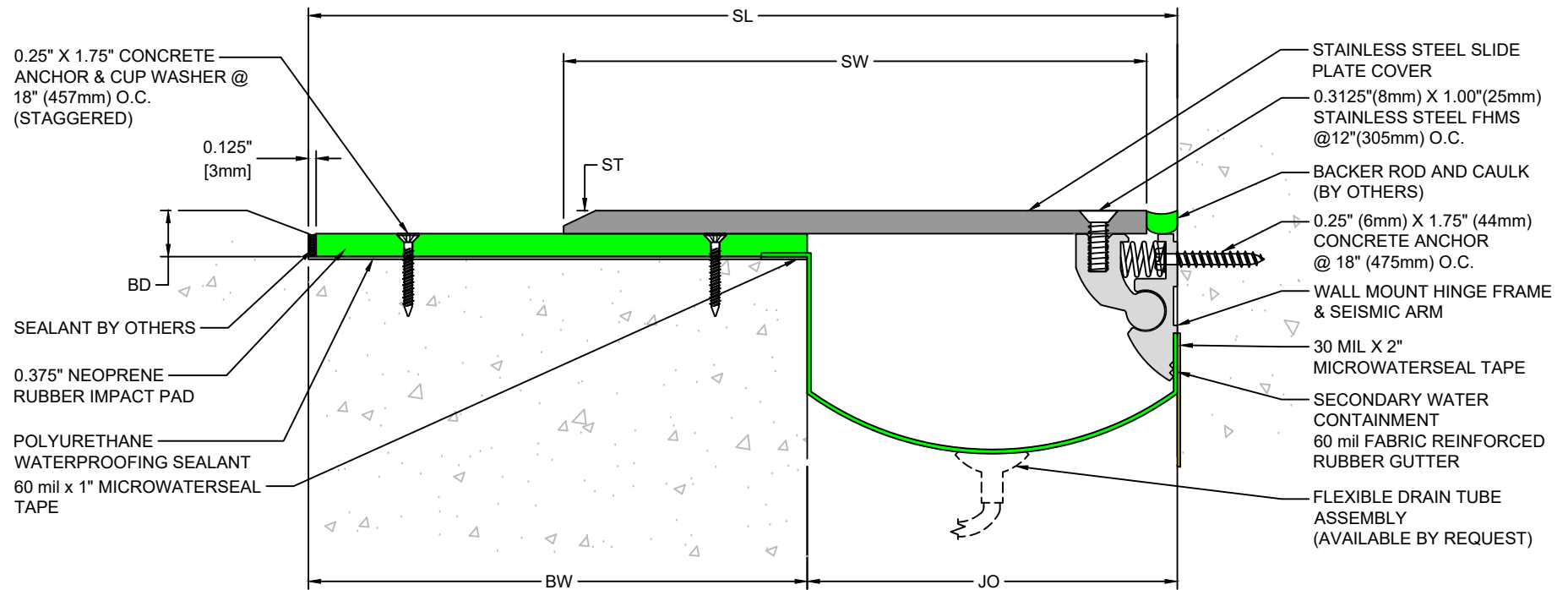




NOTE:
 1. STD. DRAWING SHOWS MILL FINISH ON COVER PLATE. OTHERS AVAILABLE.
 2. COVER MAINTAINS 1" BEARING ON RUBBER PAD AT SEISMIC MAXIMUM.

SID-C Series Expansion Joint Sizes 200 through 1000 (Slab-to-Wall)



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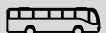
Stainless Impact Damping Cover SID-C Series (200-1000)

Drawn by: LRM	Scale: NTS	Drawing Number:
SHT. 1 OF 4	Issue Date: 01/06/2025	31450-02

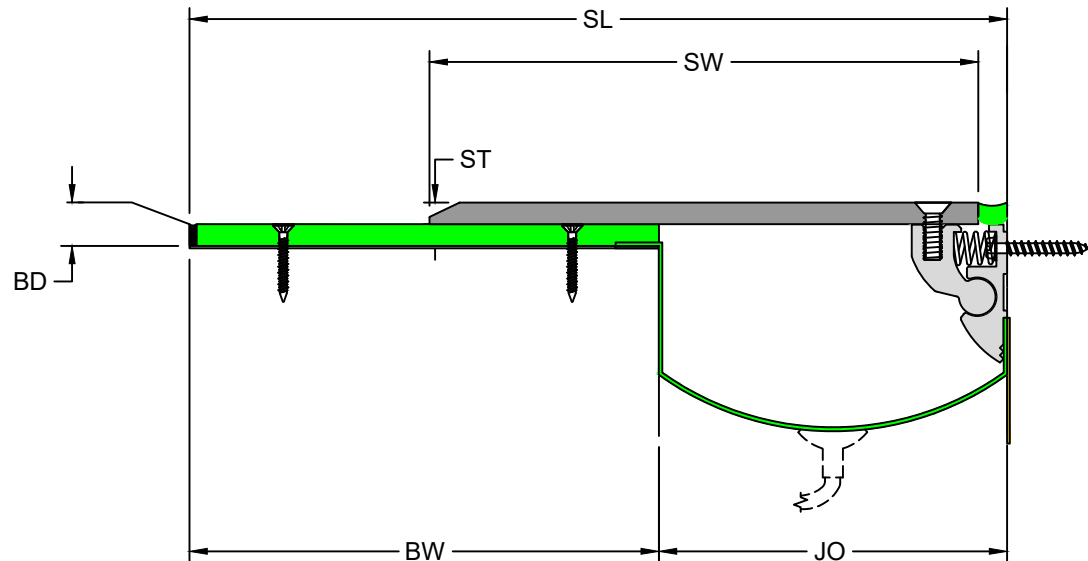
SID-C SERIES EXPANSION JOINT MOVEMENT CHART

Model Number	Joint Opening (JO ^N)		Sight Line (SL ^N)		Thermal Movement (JO ^T)				Seismic Movement (JO ^S)				Total (JO ^A)		Slide Plate Thickness (ST)		Slide Plate Width (SW)		Blockout Width (BW)		Blockout Depth (BD)	
	Nominal		Nominal		Minimum		Maximum		Minimum		Maximum		Movement									
SID-C-200	2.00	51	6.125	156	1.00	25	3.00	76	1.00	25	3.00	76	2.00	51	0.375	10	4.00	102	4.125	105	0.750	19
SID-C-300	3.00	76	8.125	206	1.50	38	4.50	114	1.50	38	4.50	114	3.00	76	0.375	10	5.50	140	5.125	130	0.750	19
SID-C-400	4.00	102	10.125	257	2.00	51	6.00	152	2.00	51	6.00	152	4.00	101	0.375	10	7.00	178	6.125	156	0.750	19
SID-C-500	5.00	127	12.125	308	3.00	76	7.00	178	2.50	63	7.50	191	5.00	127	0.375	10	8.50	216	7.125	181	0.750	19
SID-C-600	6.00	152	14.125	359	4.00	102	8.00	203	3.00	76	9.00	229	6.00	152	0.375	10	10.00	254	8.125	206	0.750	19
SID-C-700	7.00	178	16.125	410	5.00	127	9.00	229	3.50	89	10.50	267	7.00	177	0.375	10	11.50	292	9.125	232	0.750	19
SID-C-800	8.00	203	18.125	460	6.00	152	10.00	254	4.00	101	12.00	305	8.00	203	0.375	10	13.00	330	10.125	257	0.750	19
SID-C-900	9.00	229	20.125	511	7.00	178	11.00	279	4.50	114	13.50	343	9.00	228	0.375	10	14.50	368	11.125	283	0.750	19
SID-C-1000	10.00	254	22.125	562	8.00	203	12.00	305	5.00	127	15.00	381	10.00	254	0.375	10	16.00	406	12.125	308	0.750	19

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

LOAD TABLE	
	ADA Compliant
	Auto (Low Speed)
	Emergency Vehicle (Low Speed)
	AASHTO HS20 (Low Speed)
	Bus (Low Speed)

Note: The SID-C loading capabilities shown above are based upon average 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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Stainless Impact Damping Cover

SID-C Series (200-1000)

Drawn by:

JRC

Scale:

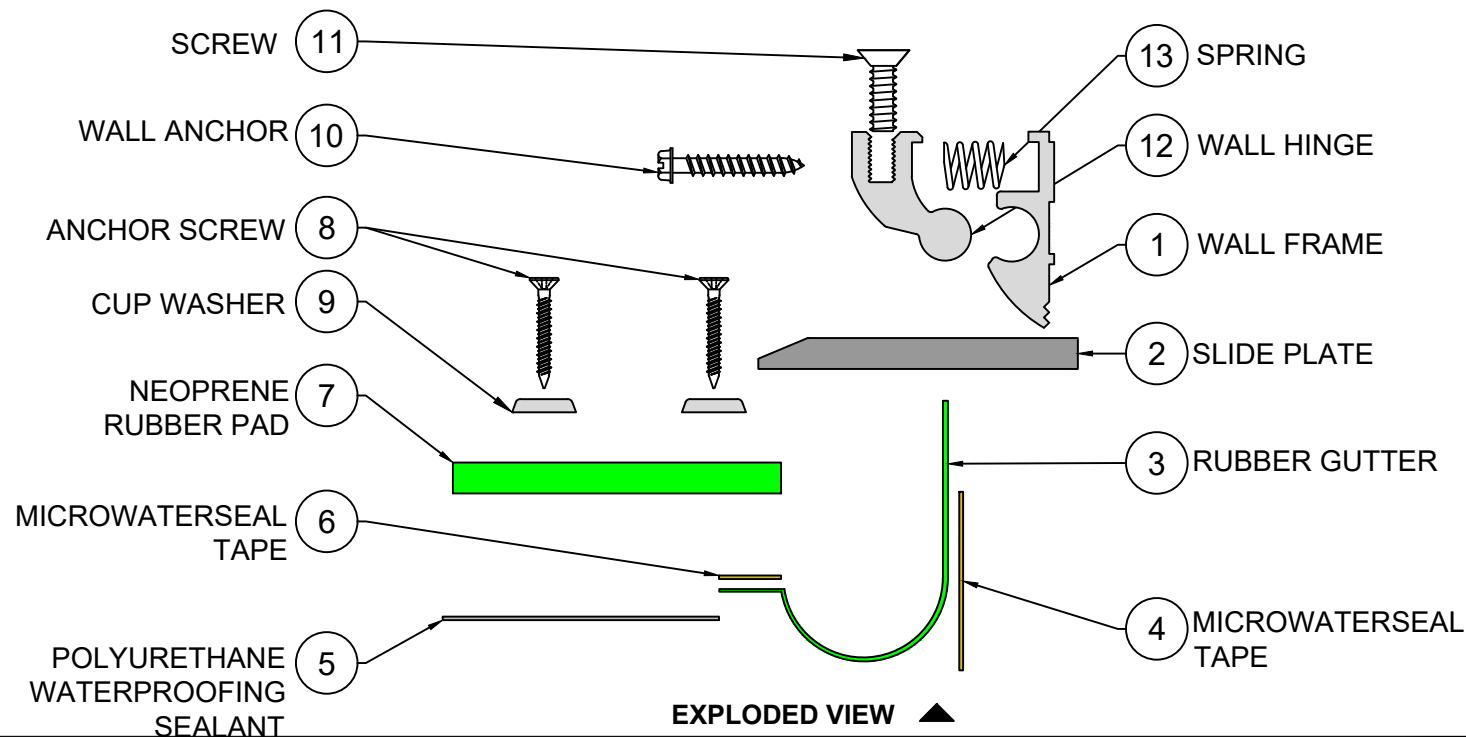
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Drawing Number:

SHT. 2 OF 4

Issue Date:
01/06/2025

31450-02



▼ PART NUMBERS ▼

Locator	Part Component	SID-C-200	SID-C-300	SID-C-400	SID-C-500	SID-C-600	SID-C-700	SID-C-800	SID-C-900	SID-C-1000
1	Wall Frame	8358	8358	8358	8358	8358	8358	8358	8358	8358
2	Slide Plate	CPIE-SP-10-0308-02-18	CPIE-SP-10-0508-02-18	CPIE-SP-10-0608-02-18	CPIE-SP-10-0800-02-18	CPIE-SP-10-0908-02-18	CPIE-SP-10-1100-02-18	CPIE-SP-10-1208-02-18	CPIE-SP-10-1408-02-18	CPIE-SP-10-1508-02-18
3	Rubber Gutter	9109-09	9109-10.5	9109-12	9109-13.5	9109-15	9109-16.5	9109-18	9109-19.5	9109-21
4	2" Microwaterseal Tape	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2
5	Polyurethane Waterproofing Sealant	8393	8393	8393	8393	8393	8393	8393	8393	8393
6	1" Microwaterseal Tape	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1
7	Neoprene Rubber Pad	IMPACTPAD-4	IMPACTPAD-5	IMPACTPAD-6	IMPACTPAD-7	IMPACTPAD-8	IMPACTPAD-9	IMPACTPAD-10	IMPACTPAD-11	IMPACTPAD-12
8	Anchor Screw	9402	9402	9402	9402	9402	9402	9402	9402	9402
9	Cup Washer	9442	9442	9442	9442	9442	9442	9442	9442	9442
10	Wall Anchor	9397	9397	9397	9397	9397	9397	9397	9397	9397
11	Screw	9349-1	9349-1	9349-1	9349-1	9349-1	9349-1	9349-1	9349-1	9349-1
12	Wall Hinge	8357	8357	8357	8357	8357	8357	8357	8357	8357
13	Spring	8317	8317	8317	8317	8317	8317	8317	8317	8317



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Stainless Impact Damping Cover SID-C Series (200-1000)

Drawn by:

JRC

Scale:

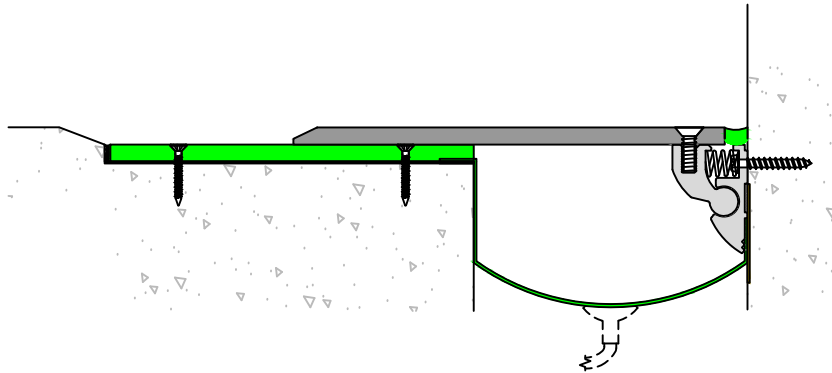
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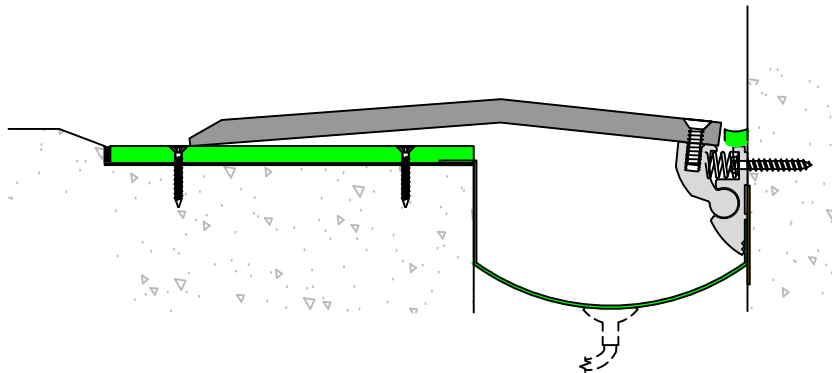
SHT. 3 OF 4

Issue Date:
01/06/2025

31450-02



SID-C Series Expansion Joint
Flat Cover
(Slab-to-Wall)



SID-C Series Expansion Joint
Convex Cover
(Slab-to-Wall)

PLATE FINISH OPTIONS



RAISED PATTERN (FLAT PLATES ONLY)



DIAMOND PATTERN



PEDI-GRIP (GLASS BEAD ABRADED)



MILL FINISH



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Stainless Impact Damping Cover

SID-C Series (200-1000)

Drawn by:	Scale:	Drawing Number:
LRM	NTS	31450-02
SHT. 4 OF 4	Issue Date: 01/30/2025	