

NOTE:
RUBBER SAFETY COVER IS CAPABLE
OF ACCOMMODATING BOTH PEDESTRIAN
AND VEHICULAR LOADING.

RSC-C Series Expansion Joint

Sizes 450 through 1200
(Slab-to-Wall)



50 MM WAY
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Rubber Safety Cover Expansion Joint RSC-C Series (450-1200)

Drawn by:
JRC

SHT. 1 OF 3

Scale:
NTS





Issue Date:
09/10/2024

Drawing Number:

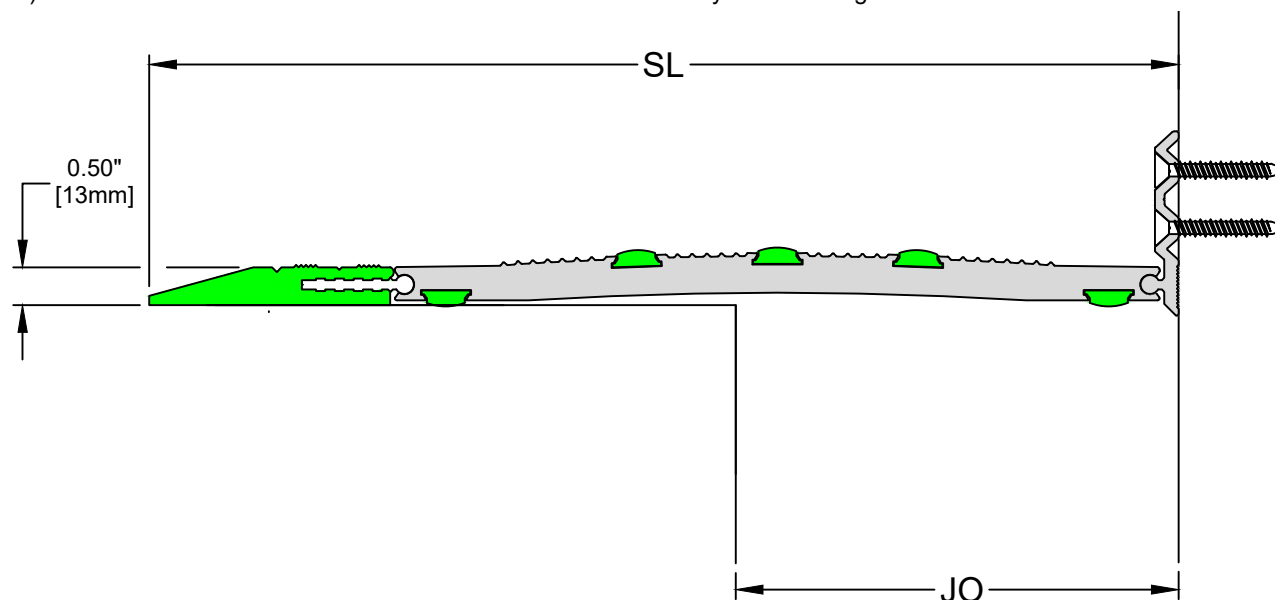
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RSC-C SERIES EXPANSION JOINT MOVEMENT CHART														
Model Number	Joint Opening (JO ^N)		Sight Line (SL ^N)		Thermal Movement (JO ^T)				Seismic Movement (JO ^S)				Total (JO ^A)	
	Nominal		Nominal		Minimum		Maximum		Minimum		Maximum		Movement	
RSC-C-450	1.00	25	10.00	254	0.25	6	3.00	76	0.25	6	6.00	152	5.75	146
RSC-C-450	2.00	51	10.00	254	0.25	6	4.00	102	0.25	6	6.00	152	5.75	146
RSC-C-450	3.00	76	10.00	254	1.00	25	5.00	127	0.25	6	6.00	152	5.75	146
RSC-C-450	4.00	102	10.00	254	2.00	51	6.00	152	0.25	6	6.00	152	5.75	146
RSC-C-850	5.00	127	13.75	350	3.00	76	7.00	178	0.25	6	9.50	241	9.25	235
RSC-C-850	6.00	152	13.75	350	4.00	102	8.00	203	0.25	6	9.50	241	9.25	235
RSC-C-1000	7.00	178	15.625	397	5.00	127	9.00	229	0.25	6	11.50	292	11.25	286
RSC-C-1000	8.00	203	15.625	397	6.00	152	10.00	254	0.25	6	11.50	292	11.25	286
RSC-C-1200	8.00	203	17.75	451	6.00	152	10.00	254	0.25	6	13.50	343	13.25	337
RSC-C-1200	9.00	229	17.75	451	7.00	178	11.00	279	0.25	6	13.50	343	13.25	337

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

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

Note: The RSC-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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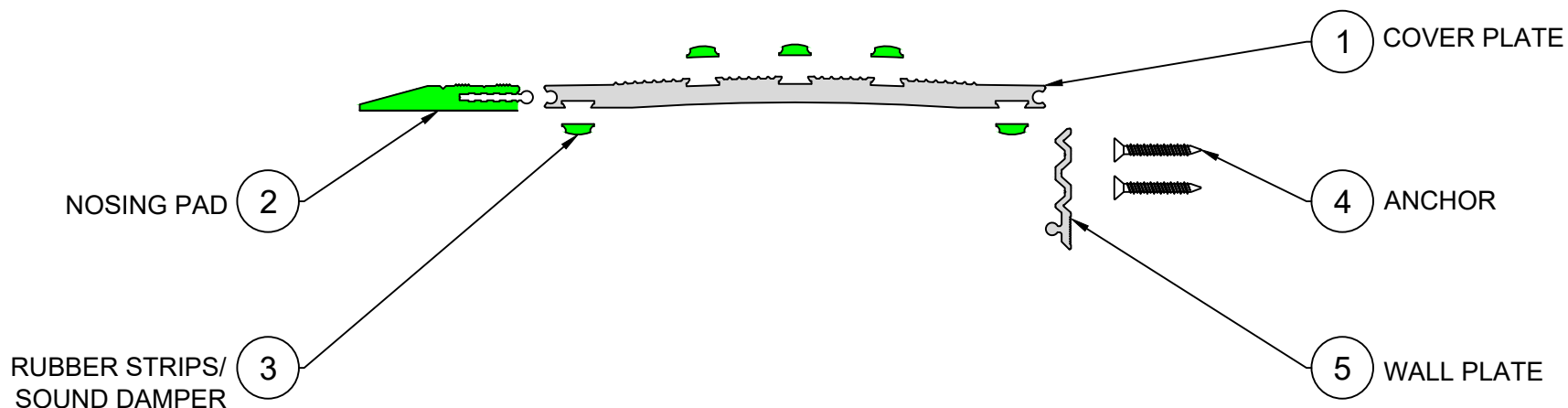
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EXPLODED VIEW ▲

PART NUMBERS ▼

Locator	Part Designation	RSC-C-450	RSC-C-850	RSC-C-1000	RSC-C-1200
1	Cover Plate	8475-M-10	8476-M-10	8487-M-10	8488-M-10
2	Nosing Pad	8464-65-10	8464-65-10	8464-65-10	8464-65-10
3	Rubber Strip/Sound Damper	8461	8461	8461	8461
4	Anchor	7420-FH	7420-FH	7420-FH	7420-FH
5	Wall Plate	7136-M-10	7136-M-10	7136-M-10	7136-M-10



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