

## LMS-C Series Expansion Joint

Sizes 100 through 550HD  
(Slab-to-Wall)



50 MM WAY  
PENDERGRASS, GA. 30567  
706-824-7500 PHONE

[www.mm.systems](http://www.mm.systems)

For Spec-Data, Install Guides, and other data visit [www.mm.systems](http://www.mm.systems)

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**LokCrete Membrane System**

**LMS-C Series (100-500HD)**

Drawn by:  
MWM

SHT. 1 OF 3

Scale:  
NTS

Issue Date:  
09/28/2021

Drawing Number:





**30100-02**

## LMS-C SERIES EXPANSION JOINT MOVEMENT CHART

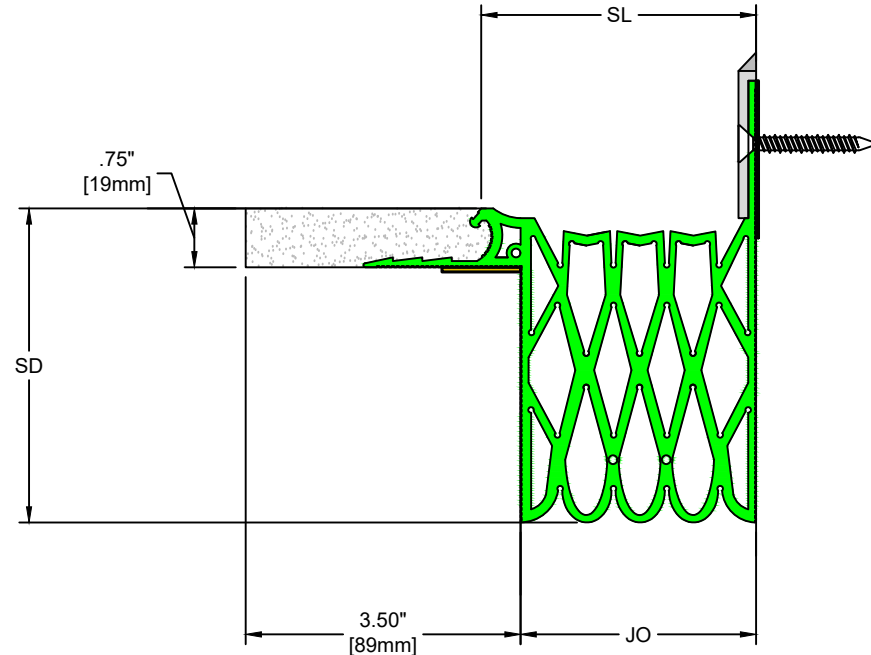
Model Number	Joint Opening (JO <sup>N</sup> )		Sight Line (SL <sup>N</sup> )		Thermal Movement (JO <sup>T</sup> )				Seismic Movement (JO <sup>S</sup> )				Total (JO <sup>A</sup> )		Seal Depth (SD)		Blockout Width (BW)		Blockout Depth (BD)	
	Nominal		Nominal		Minimum		Maximum		Minimum		Maximum		Movement							
LMS-C-100	<b>0.750</b>	19	<b>1.13</b>	29	<b>0.625</b>	16	<b>1.00</b>	25	<b>0.375</b>	10	<b>1.875</b>	48	<b>1.50</b>	38	<b>2.50</b>	64	<b>3.50</b>	89	<b>0.75</b>	19
LMS-C-150	<b>1.25</b>	32	<b>1.750</b>	44	<b>1.00</b>	24	<b>1.50</b>	38	<b>0.50</b>	13	<b>2.25</b>	57	<b>1.75</b>	44	<b>2.75</b>	70	<b>3.50</b>	89	<b>0.75</b>	19
LMS-C-250	<b>2.00</b>	51	<b>2.50</b>	63	<b>1.50</b>	38	<b>2.50</b>	64	<b>1.00</b>	25	<b>3.13</b>	79	<b>2.13</b>	54	<b>2.75</b>	70	<b>3.50</b>	89	<b>0.75</b>	19
LMS-C-350	<b>3.00</b>	76	<b>3.50</b>	89	<b>2.50</b>	64	<b>3.50</b>	89	<b>1.50</b>	38	<b>5.13</b>	130	<b>3.00</b>	76	<b>2.625</b>	67	<b>3.50</b>	89	<b>0.75</b>	19
LMS-C-450HD	<b>3.50</b>	89	<b>4.00</b>	102	<b>3.00</b>	76	<b>4.50</b>	114	<b>1.50</b>	38	<b>5.50</b>	135	<b>4.00</b>	102	<b>4.00</b>	102	<b>3.50</b>	89	<b>0.75</b>	19
LMS-C-550HD	<b>4.00</b>	102	<b>4.50</b>	114	<b>3.50</b>	89	<b>4.50</b>	114	<b>2.00</b>	51	<b>6.375</b>	162	<b>4.375</b>	111	<b>4.50</b>	114	<b>3.50</b>	89	<b>0.75</b>	19

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

### LOAD TABLE

	Safe Walking Surface
	Auto (Low Speed)
	Maintenance Cart
	Emergency Vehicle (Low Speed)

Note: The LMS-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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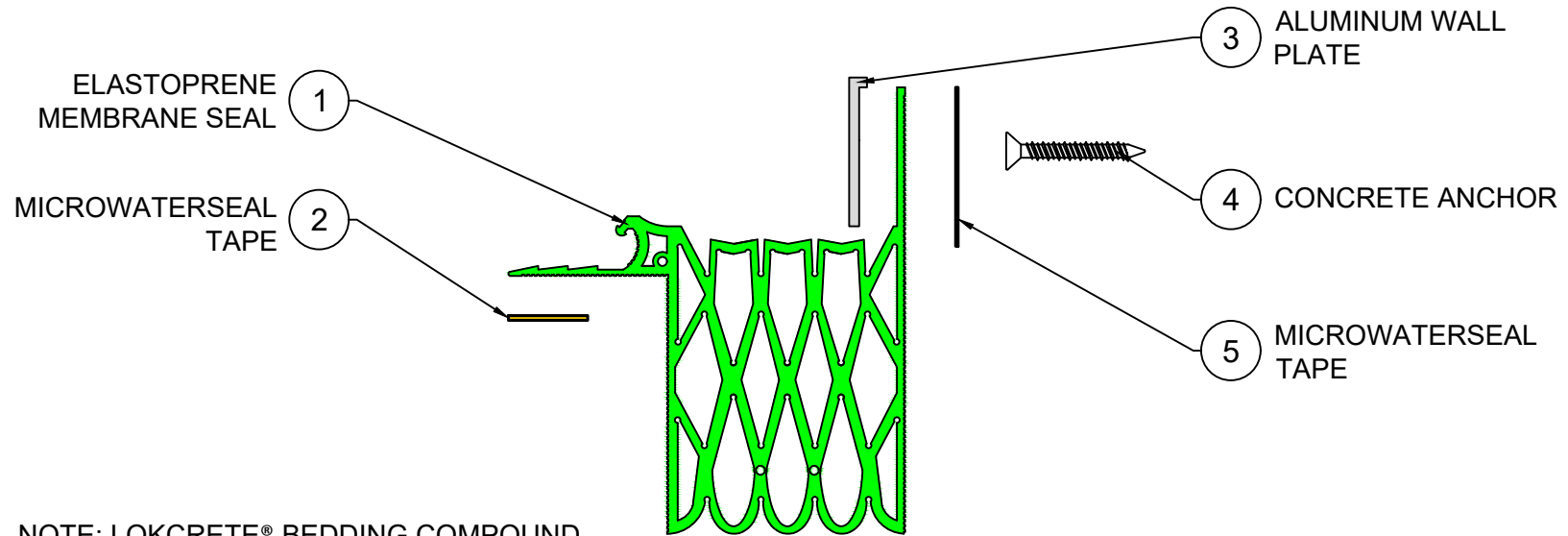
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EXPLODED VIEW ▲

▼ PART NUMBERS

Locator	Part Component	LMS-C-100	LMS-C-150	LMS-C-250	LMS-C-350	LMS-C-450HD	LMS-C-550HD
1	Elastoprene Membrane Seal	9807-65	9819-CL-65	9864-CL-65	9865-CL-65	9886-CL-65	7876-65
2	Microwaterseal Tape	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1
	Aluminum Wall Plate	8453	8453	8453	8453	8453	8453
4	Concrete Anchor	9406	9406	9406	9406	9406	9406
5	Microwaterseal Tape	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2	Microwaterseal30X2



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