

0.875" [22mm] DIA LOAD TRANSFER HOLES
@ 1.25" [32mm] O.C.

LOKCRETE® ELASTOMERIC
CONCRETE EMBEDDED MATERIAL

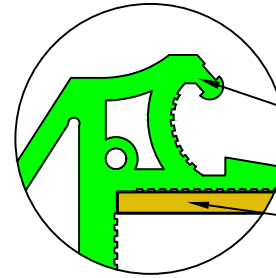
.75"
[19mm]

SD

SL

3.50"
[89mm]

JO



IMPACT DAMPING BULK HEAD
WITH C-LOK DESIGN

60 mil X 1" MICROWATERSEAL TAPE
(BOTH SIDES)

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

LMS Series Expansion Joint

Sizes 100 through 550HD

(Slab-to-Slab)



MM
SYSTEMS

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

www.mm.systems

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LokCrete Membrane System

LMS Series (100-500HD)

Drawn by:

MWM

Scale:

NTS

Drawing Number:

SHT. 1 OF 3

Issue Date:

09/28/2021

30100-01




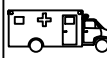
LMS SERIES EXPANSION JOINT MOVEMENT CHART

Model Number	Joint Opening (JO ^N)		Sight Line (SL ^N)		Thermal Movement (JO ^T)				Seismic Movement (JO ^S)				Total (JO ^A)		Seal Depth (SD)	
	Nominal		Nominal		Minimum		Maximum		Minimum		Maximum		Movement			
LMS-100	0.750	19	1.63	41	0.625	16	1.00	25	0.375	10	1.875	48	1.50	38	2.50	64
LMS-150	1.25	32	2.125	54	1.00	24	1.50	38	0.50	13	2.25	57	1.75	44	2.75	70
LMS-250	2.00	51	3.00	76	1.50	38	2.50	64	1.00	25	3.13	79	2.13	54	2.75	70
LMS-350	3.00	76	3.875	98	2.50	64	3.50	89	1.50	38	5.13	130	3.00	76	2.625	67
LMS-450HD	3.50	89	4.50	114	3.00	76	4.50	114	1.50	38	5.50	135	4.00	102	4.00	102
LMS-550HD	4.00	102	5.00	127	3.50	89	4.50	114	2.00	51	6.375	162	4.375	111	4.50	114

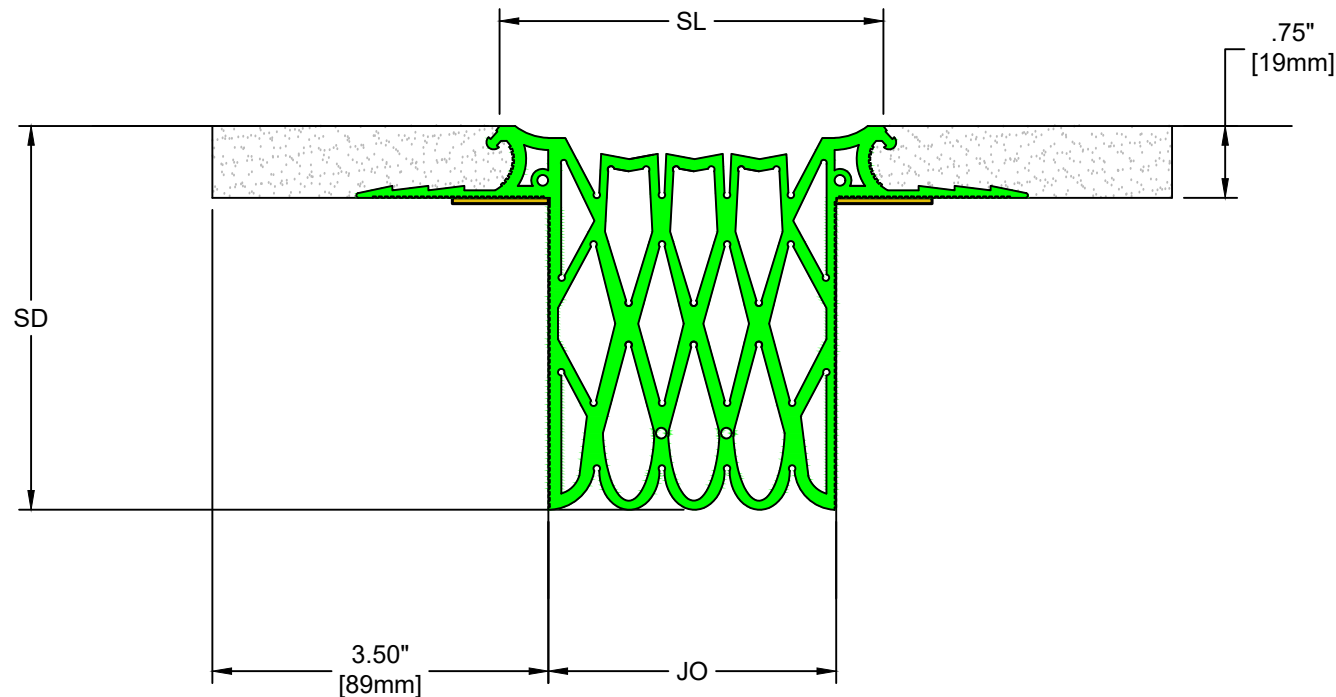
Dimension shown in **inches** (bold) and millimeters. Refer to the LMS AutoCAD file for individual system drawings.

Color Options for rubber seals are Black or Special Order Gray and Lokcrete Elastomeric Concrete

LOAD TABLE

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

Note: The LMS 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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Lokcrete Membrane System

LMS Series (100-500HD)

Drawn by:
MWM

SHT. 2 OF 3

Scale:
NTS

Issue Date:
09/28/2021

Drawing Number:

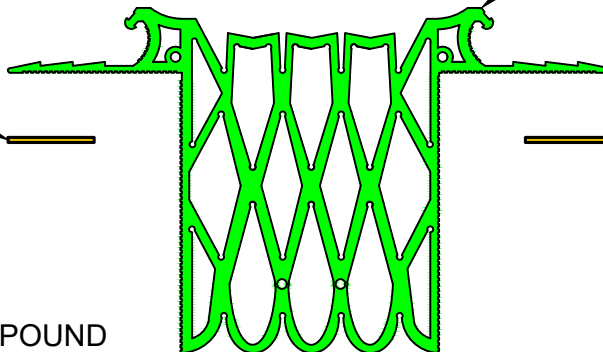
30100-01

MICROWATERSEAL
TAPE

3

1

ELASTOPRENE
MEMBRANE SEAL



NOTE: LOKCRETE® BEDDING COMPOUND
(8333) Not shown.

EXPLODED VIEW ▲

▼ PART NUMBERS

Locator	Part Component	LMS-100	LMS-150	LMS-250	LMS-350	LMS-450HD	LMS-550HD
1	Elastoprene Membrane Seal	9817-CL-65	9818-CL-65	9860-CL-65	9861-CL-65	9885-CL-65	7875-65
2	Microwaterseal Tape	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1	Microwaterseal60X1



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LokCrete Membrane System

LMS Series (100-500HD)

Drawn by:
MWM

Scale:
NTS

Drawing Number:

SHT. 3 OF 3

Issue Date:
09/28/2021

30100-01