

BIS-C-Plus Series Expansion Joint

Sizes 400+ through 600+
(Slab-to-Wall)



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

www.mm.systems

For Spec-Data, Install Guides, and other data visit www.mm.systems

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Bolt-In Seismic Expansion Joint

BIS-C-Plus Series (400+ to 600+) / 100% Movement

| | | |
|-------------|-------------|-----------------|
| Drawn by: | Scale: | Drawing Number: |
| JRC | NTS | 30250-03B |
| SHT. 1 OF 3 | Issue Date: | |
| | 12/21/23 | |






BIS-C-PLUS SERIES EXPANSION JOINT MOVEMENT CHART (400-600) / 100% MOVEMENT

| 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 (SW) | | Blockout Width (BW) | | Blockout Depth (BD) | |
|--------------|----------------------------------|-----|-------------------------------|-----|-------------------------------------|-----|---------|-----|-------------------------------------|-----|---------|-----|--------------------------|-----|----------------|----|------------------------|-----|---------------------|-----|---------------------|----|
| | Nominal** | | Nominal | | Minimum | | Maximum | | Minimum | | Maximum | | Movement | | Thickness (ST) | | | | | | | |
| BIS-C-400+ | 7.00 | 178 | 12.87 | 327 | 6.00 | 152 | 8.00 | 203 | 5.00 | 127 | 9.00 | 229 | 4.00 | 102 | 0.375 | 10 | 9.75 | 248 | 6.00 | 152 | 0.750 | 19 |
| BIS-C-600+ | 9.00 | 229 | 14.87 | 378 | 8.00 | 203 | 10.00 | 254 | 6.00 | 152 | 12.00 | 305 | 6.00 | 152 | 0.375 | 10 | 12.00 | 305 | 6.00 | 152 | 0.750 | 19 |

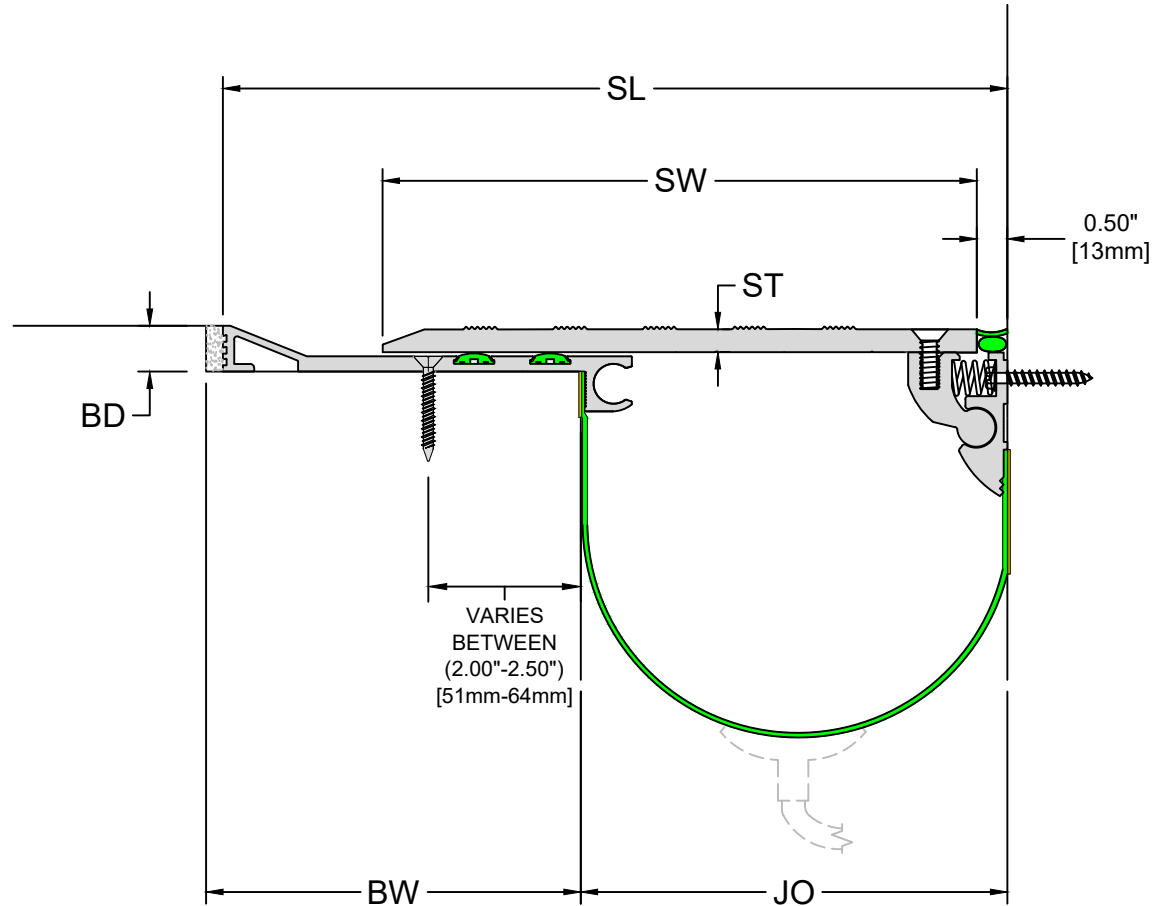
Dimension shown in **inches** (bold) and millimeters. Refer to the BIS-Plus AutoCAD file for individual system drawings.

****Nominal structural joint width increased 3 inches to accommodate full closure.**

LOAD TABLE

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

Note: The BIS 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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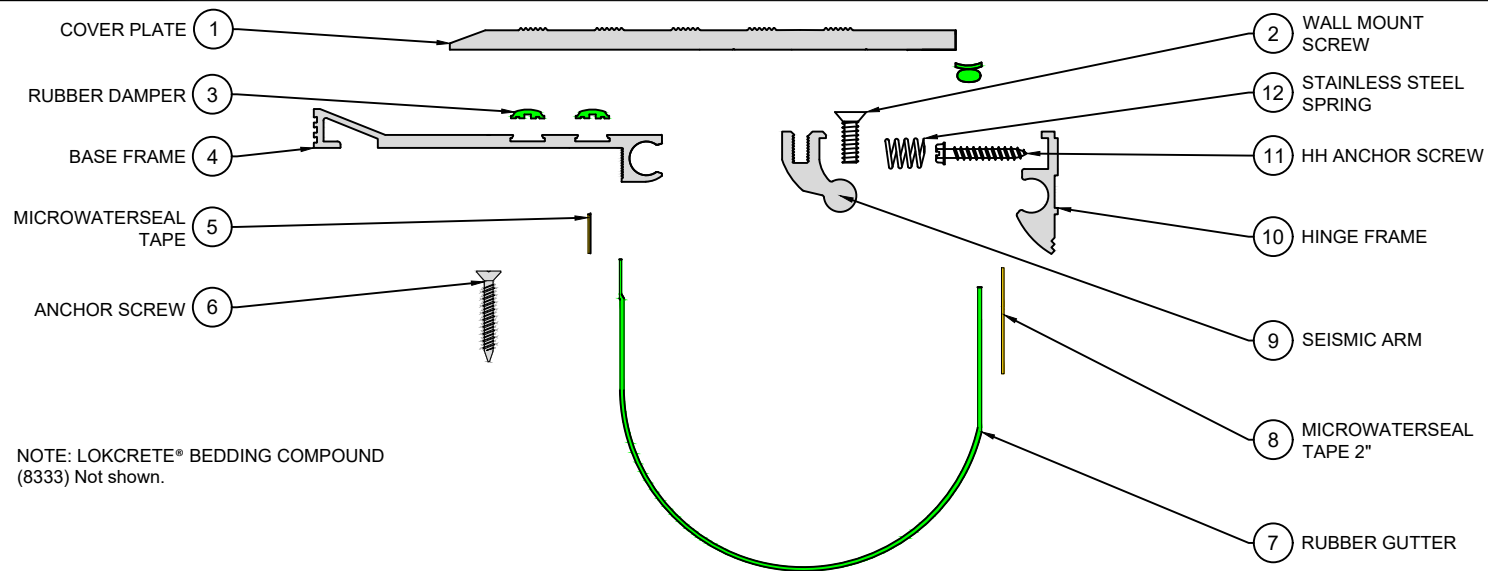
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| SHT. 2 OF 3 | Issue Date: 12/21/23 | 30250-03B |



EXPLODED VIEW ▲

PART NUMBERS ▼

| Locator | Part Component | BIS-C-400+ | BIS-C-600+ |
|---------|------------------------|---------------------------------|---------------------------------|
| 1 | Cover Plate | CP-0038 | CP-0039 |
| 2 | Wall Mount Screw | 9349 | 9349 |
| 3 | Rubber Damper | 8461-65 | 8461-65 |
| 4 | Base Frame | ASSY-71387141-M-10-00-18 | ASSY-71387141-M-10-00-18 |
| 5 | Microwaterseal Tape | MICROWATERSEAL60X $\frac{3}{4}$ | MICROWATERSEAL60X $\frac{3}{4}$ |
| 6 | Anchor Screw | 9406 | 9406 |
| 7 | Rubber Gutter | 9109-24 | 9109-26 |
| 8 | Microwaterseal Tape | Microwaterseal30X2 | Microwaterseal30X2 |
| 9 | Seismic Arm | 8357 | 8357 |
| 10 | Hinge Frame | 8358 | 8358 |
| 11 | HH Anchor Screw | 9397 | 9397 |
| 12 | Stainless Steel Spring | 8317 | 8317 |



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