








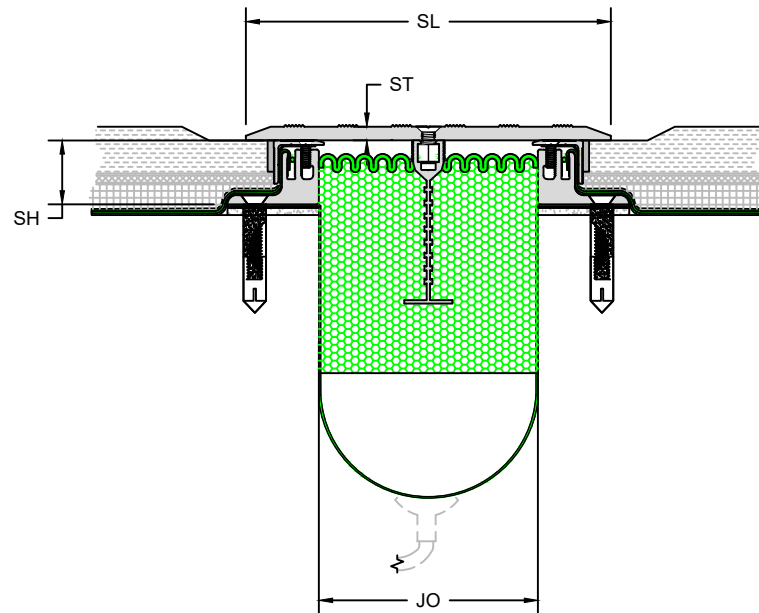
## SSD-LP SERIES EXPANSION JOINT MOVEMENT CHART

| 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> )<br>Movement |     | Slide Plate<br>Thickness (ST) |    |
|--------------|----------------------------------|-----|-------------------------------|-----|-------------------------------------|-----|--------------|-----|-------------------------------------|-----|--------------|-----|--------------------------------------|-----|-------------------------------|----|
|              | Nominal                          |     | Nominal                       |     | Minimum                             |     | Maximum      |     | Minimum                             |     | Maximum      |     |                                      |     |                               |    |
| SSD-400-LP   | <b>4.00</b>                      | 102 | <b>7.50</b>                   | 191 | <b>2.00</b>                         | 51  | <b>6.00</b>  | 152 | <b>2.00</b>                         | 51  | <b>6.00</b>  | 152 | <b>4.00</b>                          | 102 | <b>0.25</b>                   | 6  |
| SSD-500-LP   | <b>5.00</b>                      | 127 | <b>10.00</b>                  | 254 | <b>3.00</b>                         | 76  | <b>7.00</b>  | 178 | <b>2.50</b>                         | 64  | <b>7.50</b>  | 191 | <b>5.00</b>                          | 127 | <b>0.375</b>                  | 10 |
| SSD-600-LP   | <b>6.00</b>                      | 152 | <b>10.00</b>                  | 254 | <b>4.00</b>                         | 102 | <b>8.00</b>  | 203 | <b>3.00</b>                         | 76  | <b>9.00</b>  | 229 | <b>6.00</b>                          | 152 | <b>0.375</b>                  | 10 |
| SSD-700-LP   | <b>7.00</b>                      | 178 | <b>13.50</b>                  | 343 | <b>5.00</b>                         | 127 | <b>9.00</b>  | 229 | <b>3.50</b>                         | 89  | <b>10.50</b> | 267 | <b>7.00</b>                          | 178 | <b>0.375</b>                  | 10 |
| SSD-800-LP   | <b>8.00</b>                      | 203 | <b>13.50</b>                  | 343 | <b>6.00</b>                         | 152 | <b>10.00</b> | 254 | <b>4.00</b>                         | 102 | <b>12.00</b> | 305 | <b>8.00</b>                          | 203 | <b>0.375</b>                  | 10 |
| SSD-900-LP   | <b>9.00</b>                      | 229 | <b>16.00</b>                  | 406 | <b>7.00</b>                         | 178 | <b>11.00</b> | 279 | <b>4.50</b>                         | 114 | <b>13.50</b> | 343 | <b>9.00</b>                          | 229 | <b>0.375</b>                  | 10 |
| SSD-1000-LP  | <b>10.00</b>                     | 254 | <b>16.00</b>                  | 406 | <b>8.00</b>                         | 203 | <b>12.00</b> | 305 | <b>5.00</b>                         | 127 | <b>15.00</b> | 381 | <b>10.00</b>                         | 254 | <b>0.375</b>                  | 10 |
| SSD-1100-LP  | <b>11.00</b>                     | 279 | <b>18.50</b>                  | 470 | <b>9.00</b>                         | 229 | <b>13.00</b> | 330 | <b>5.50</b>                         | 140 | <b>16.50</b> | 419 | <b>11.00</b>                         | 279 | <b>0.50</b>                   | 13 |
| SSD-1200-LP  | <b>12.00</b>                     | 305 | <b>18.50</b>                  | 470 | <b>10.00</b>                        | 254 | <b>14.00</b> | 356 | <b>6.00</b>                         | 152 | <b>18.00</b> | 457 | <b>12.00</b>                         | 305 | <b>0.50</b>                   | 13 |

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

| LOAD TABLE                                                                          |                      |
|-------------------------------------------------------------------------------------|----------------------|
|    | Auto (Low Speed)     |
|    | Passenger Cart       |
|    | Scissor Lift         |
|   | Maintenance Cart     |
|  | Safe Walking Surface |

Note: The SSD 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.



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)

### RIGHTS OF DESIGN

All rights of design, detail, engineering and/or invention contained herein are the property of MM Systems and hereby reserved and are not to be reproduced or provided to any other party. MM Systems reserves the right to amend or withdraw any information contained herein without notice and will not be liable for any inaccuracy or ambiguity of said information.

### Split-Slab Dual Seismic Foam Seal System

## SSD-LP Series (400-1200)

Drawn by:

LRM

Scale:

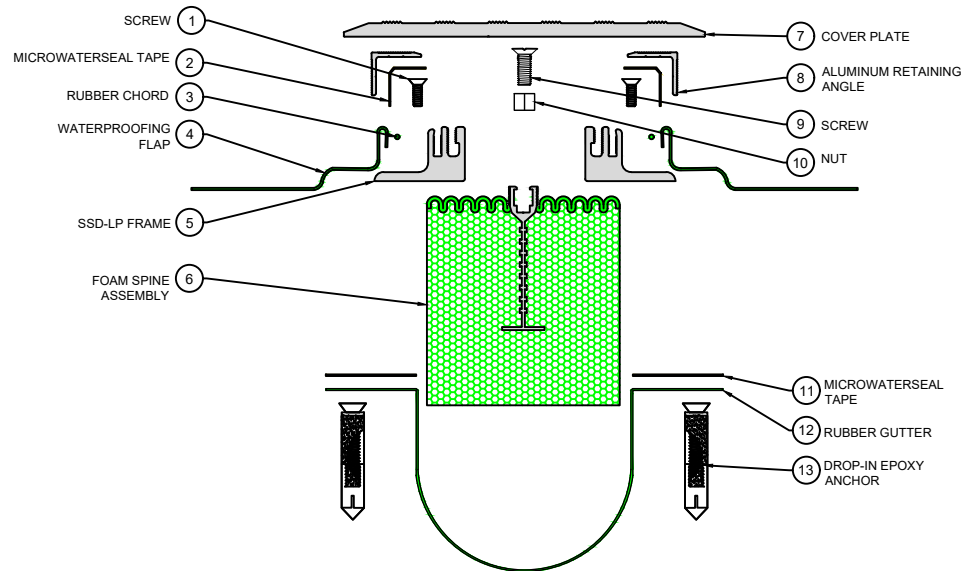
NTS

Drawing Number:

SHT. 2 OF 3

Issue Date:  
07/10/2025

**NY220324-01**



EXPLODED VIEW ▲

▼ PART NUMBERS

| Locator | Part Component           | SSD-400-LP             | SSD-500-LP             | SSD-600-LP             | SSD-700-LP             | SSD-800-LP             | SSD-900-LP             | SSD-1000-LP             | SSD-1100-LP             | SSD-1200-LP             |
|---------|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|
| 1       | Screw                    | 9382                   | 9382                   | 9382                   | 9382                   | 9382                   | 9382                   | 9382                    | 9382                    | 9382                    |
| 2       | Microwaterseal Tape      | Microwaterseal30X<br>2 | Microwaterseal30X<br>2 | Microwaterseal30X<br>2 | Microwaterseal30X<br>2 | Microwaterseal30X<br>2 | Microwaterseal30X<br>2 | Microwaterseal30X<br>2  | Microwaterseal30X<br>2  | Microwaterseal30X<br>2  |
| 3       | Rubber Chord             | 9457                   | 9457                   | 9457                   | 9457                   | 9457                   | 9457                   | 9457                    | 9457                    | 9457                    |
| 4       | Waterproofing Flap       | 9118-12                | 9118-12                | 9118-12                | 9118-12                | 9118-12                | 9118-12                | 9118-12                 | 9118-12                 | 9118-12                 |
| 5       | SSD-LP Frame             | 8360-M-10              | 8360-M-10              | 8360-M-10              | 8360-M-10              | 8360-M-10              | 8360-M-10              | 8360-M-10               | 8360-M-10               | 8360-M-10               |
| 6       | Foam-Spine Assembly      | ASSY-FOAMSPINE<br>-400 | ASSY-FOAMSPINE<br>-500 | ASSY-FOAMSPINE<br>-600 | ASSY-FOAMSPINE<br>-700 | ASSY-FOAMSPINE<br>-800 | ASSY-FOAMSPINE<br>-900 | ASSY-FOAMSPINE<br>-1000 | ASSY-FOAMSPINE<br>-1100 | ASSY-FOAMSPINE<br>-1200 |
| 7       | Cover Plate              | 7146-M-10              | 7147-M-10              | 7147-M-10              | 7148-M-10              | 7148-M-10              | 7149-M-10              | 7149-M-10               | 7150-M-10               | 7150-M-10               |
| 8       | Aluminum Retaining Angle | 7025-M-10              | 7025-M-10              | 7025-M-10              | 7025-M-10              | 7025-M-10              | 7025-M-10              | 7025-M-10               | 7025-M-10               | 7025-M-10               |
| 9       | Screw                    | 9034-1                 | 9034-1                 | 9034-1                 | 9034-1                 | 9034-1                 | 9034-1                 | 9034-1                  | 9034-1                  | 9034-1                  |
| 10      | Nut                      | 8328                   | 8328                   | 8328                   | 8328                   | 8328                   | 8328                   | 8328                    | 8328                    | 8328                    |
| 11      | Microwaterseal Tape      | Microwaterseal30X<br>2 | Microwaterseal30X<br>2 | Microwaterseal30X<br>2 | Microwaterseal30X<br>2 | Microwaterseal30X<br>2 | Microwaterseal30X<br>2 | Microwaterseal30X<br>2  | Microwaterseal30X<br>2  | Microwaterseal30X<br>2  |
| 12      | Rubber Gutter            | 9109-14                | 9109-18                | 9109-18                | 9109-18                | 9109-24                | 9109-24                | 9109-24                 | 9109-26                 | 9109-26                 |
| 13      | Drop-In Epoxy Anchor     | 9039                   | 9039                   | 9039                   | 9039                   | 9039                   | 9039                   | 9039                    | 9039                    | 9039                    |



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)

### RIGHTS OF DESIGN

All rights of design, detail, engineering and/or invention contained herein are the property of MM Systems and hereby reserved and are not to be reproduced or provided to any other party. MM Systems reserves the right to amend or withdraw any information contained herein without notice and will not be liable for any inaccuracy or ambiguity of said information.

### Split-Slab Dual Seismic Foam Seal System

### SSD-LP Series (400-1200)

|                  |                           |                                       |
|------------------|---------------------------|---------------------------------------|
| Drawn by:<br>LRM | Scale:<br>NTS             | Drawing Number:<br><b>NY220324-01</b> |
| SHT. 3 OF 3      | Issue Date:<br>07/10/2025 |                                       |