

SCG-C Series Expansion Joint
 Sizes 200 through 1200
 (Slab-to-Wall)



50 MM WAY
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Split Slab Membrane Cover Plate Gutter System

SCG-C Series (200-1200)

| | | |
|------------------|---------------------------|--|
| Drawn by: LRM | Scale: NTS | Drawing Number: 41275-02 |
| SHT. 1 OF 3 | Issue Date: 07/15/2025 | |

SCG-C SERIES EXPANSION JOINT MOVEMENT CHART

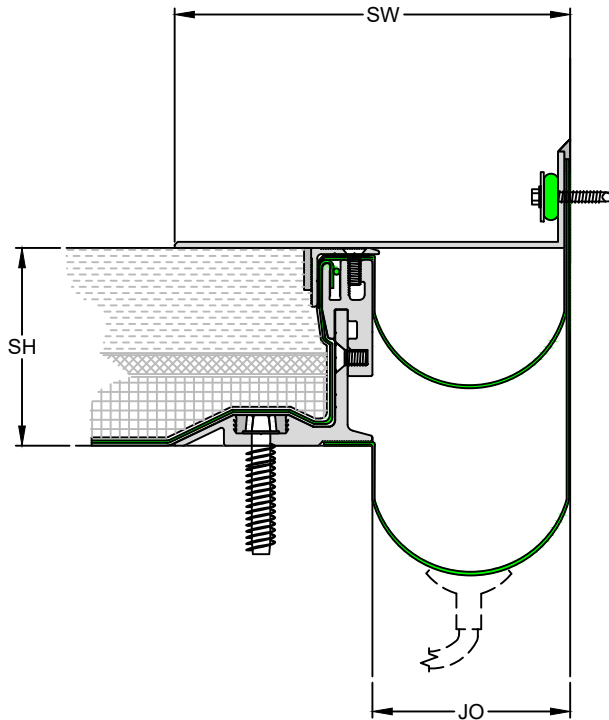
| Model Number | Joint Opening (JO ^N) | | Slide Plate Width (SW ^N) | | Thermal Movement (JO ^T) | | | | Seismic Movement (JO ^S) | | | | Total (JO ^A) | |
|--------------|----------------------------------|-----|--------------------------------------|-----|-------------------------------------|----|--------------|-----|-------------------------------------|---|--------------|-----|--------------------------|-----|
| | Nominal | | Nominal | | Minimum | | Maximum | | Minimum | | Maximum | | Movement | |
| | | | | | | | | | | | | | | |
| SCG-C-200 | 2.00 | 51 | 6.00 | 152 | 1.00 | 25 | 4.00 | 102 | 0.25 | 6 | 4.00 | 102 | 3.75 | 95 |
| SCG-C-400 | 4.00 | 102 | 8.00 | 203 | 1.00 | 25 | 6.00 | 152 | 0.25 | 6 | 6.00 | 152 | 5.75 | 146 |
| SCG-C-600 | 6.00 | 152 | 11.00 | 279 | 1.00 | 25 | 9.00 | 229 | 0.25 | 6 | 9.00 | 229 | 8.75 | 222 |
| SCG-C-800 | 8.00 | 203 | 14.00 | 356 | 1.00 | 25 | 12.00 | 305 | 0.25 | 6 | 12.00 | 305 | 11.75 | 298 |
| SCG-C-1000 | 10.00 | 254 | 17.00 | 432 | 1.00 | 25 | 15.00 | 381 | 0.25 | 6 | 15.00 | 381 | 14.75 | 375 |
| SCG-C-1200 | 12.00 | 304 | 20.00 | 508 | 1.00 | 25 | 18.00 | 457 | 0.25 | 6 | 18.00 | 457 | 17.75 | 451 |

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

LOAD TABLE

| | |
|---|----------------------|
|  | Safe Walking Surface |
|  | ADA Compliant |
|  | Extreme Weather |
|  | Shopping Cart |

Note: The SCG-C 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.



| Base Angle | System | |
|------------|-------------|-----|
| Size | Height (SH) | |
| 4 x 2 | 3.25 | 83 |
| 4 x 2.25 | 3.5 | 89 |
| 4 x 2.5 | 3.75 | 95 |
| 4 x 2.75 | 4 | 102 |
| 4 x 3 | 4.25 | 108 |
| 4 x 3.25 | 4.5 | 114 |
| 4 x 3.5 | 4.75 | 121 |
| 4 x 3.75 | 5 | 127 |
| 4 x 4 | 5.25 | 133 |
| 4 x 4.25 | 5.5 | 140 |
| 4 x 4.5 | 5.75 | 146 |
| 4 x 4.75 | 6 | 152 |



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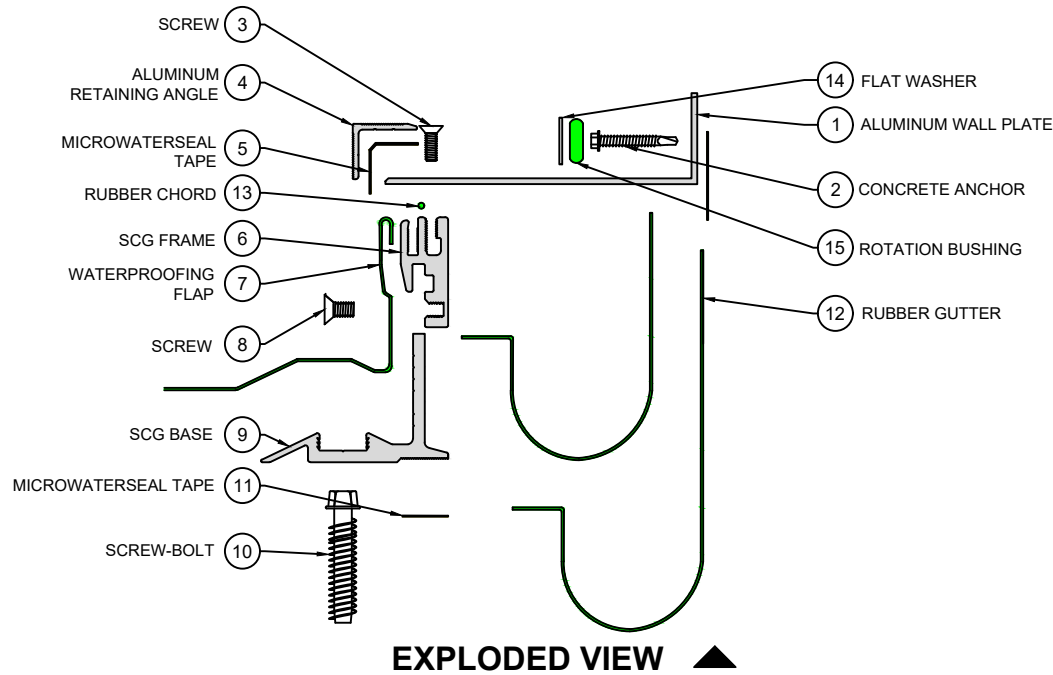
NTS

Drawing Number:

SHT. 2 OF 3

Issue Date:
07/15/2025

41275-02



EXPLODED VIEW ▲

PART NUMBERS ▼

| Locator | Part Component | SCG-C-200 | SCG-C-400 | SCG-C-600 | SCG-C-800 | SCG-C-1000 | SCG-C-1200 |
|---------|--------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 1 | Aluminum Wall Plate | WAAA-AM-10-0600-00-18 | WAAA-AM-10-0800-00-18 | WAAB-AM-10-1100-00-18 | WAAB-AM-10-1400-00-18 | WAAB-AM-10-1700-00-18 | WAAC-AM-10-2000-00-18 |
| 2 | Concrete Anchor | 9402 | 9402 | 9402 | 9402 | 9402 | 9402 |
| 3 | Screw | 9382 | 9382 | 9382 | 9382 | 9382 | 9382 |
| 4 | Aluminum Retaining Angle | 7025-M-10 | 7025-M-10 | 7025-M-10 | 7025-M-10 | 7025-M-10 | 7025-M-10 |
| 5 | Microwaterseal Tape | Microwaterseal30X2 | Microwaterseal30X2 | Microwaterseal30X2 | Microwaterseal30X2 | Microwaterseal30X2 | Microwaterseal30X2 |
| 6 | SCG Frame | 8346 | 8346 | 8346 | 8346 | 8346 | 8346 |
| 7 | Waterproofing Flap | 9118-12 | 9118-12 | 9118-12 | 9118-18 | 9118-18 | 9118-18 |
| 8 | Screw | 9348 | 9348 | 9348 | 9348 | 9348 | 9348 |
| 9 | SSM Base | See Base Frame Chart | See Base Frame Chart | See Base Frame Chart | See Base Frame Chart | See Base Frame Chart | See Base Frame Chart |
| 10 | Screw-Bolt | 7420 | 7420 | 7420 | 7420 | 7420 | 7420 |
| 11 | Microwaterseal Tape | Microwaterseal60X1 | Microwaterseal60X1 | Microwaterseal60X1 | Microwaterseal60X1 | Microwaterseal60X1 | Microwaterseal60X1 |
| 12 | Rubber Gutter | 9109-12 | 9109-12 | 9109-12 | 9109-18 | 9109-18 | 9109-18 |
| 13 | Rubber Chord | 9457 | 9457 | 9457 | 9457 | 9457 | 9457 |
| 14 | Flat Washer | 8312-1/4 | 8312-1/4 | 8312-1/4 | 8312-1/4 | 8312-1/4 | 8312-1/4 |
| 15 | Rotation Bushing | 9455 | 9455 | 9455 | 9455 | 9455 | 9455 |

| System Height | Base Frame |
|---------------|------------|
| 3.25" | 7431#0200 |
| 3.50" | 7431#0204 |
| 3.75" | 7431#0208 |
| 4.00" | 7431#0212 |
| 4.25" | 7431#0300 |
| 4.50" | 7431#0304 |
| 4.75" | 7431#0308 |
| 5.00" | 7431#0312 |
| 5.25" | 7431#0400 |
| 5.50" | 7431#0404 |
| 5.75" | 7431#0408 |
| 6.00" | 7431 |



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