A rainscreen air gap mitigates the risk of entrapped moisture from unavoidable imperfections in the wall materials and construction. Detailing the system for drainage at windows, overhangs, penetrations and terminations is critical to the life of the wall.

MTI provides complete moisture management systems and detailing to build it right, the first time.
Sure Cavity™ Rainscreen
An air gap drains liquid moisture and lets water vapor exit at ventilated terminations. Sure Cavity’s rigid channels and mortar blocking fabric ensure a clear and continuous drainage gap along the entire backup wall. Sure Cavity lays flat on the sheathing to create an even surface for the stone installation.

<table>
<thead>
<tr>
<th>Product Number</th>
<th>GC 1816</th>
<th>GC 1832</th>
<th>SC 5016</th>
<th>SC 5032</th>
<th>SCMM 2516</th>
<th>SCMM 2532</th>
</tr>
</thead>
<tbody>
<tr>
<td>Depth (drainage gap)</td>
<td>1/8 in (3mm)</td>
<td>1/8 in (3mm)</td>
<td>1/8 in (5mm)</td>
<td>1/8 in (5mm)</td>
<td>3/16 in (10mm)</td>
<td>3/16 in (10mm)</td>
</tr>
<tr>
<td>Roll Length</td>
<td>76 ft</td>
<td>76 ft</td>
<td>50 ft</td>
<td>50 ft</td>
<td>25 ft</td>
<td>25 ft</td>
</tr>
<tr>
<td>Roll Width</td>
<td>15.75 in</td>
<td>31.5 in</td>
<td>15.75 in</td>
<td>31.5 in</td>
<td>15.75 in</td>
<td>31.5 in</td>
</tr>
<tr>
<td>Roll Coverage</td>
<td>100 ft²</td>
<td>200 ft²</td>
<td>66 ft²</td>
<td>132 ft²</td>
<td>33 ft²</td>
<td>66 ft²</td>
</tr>
</tbody>
</table>

L & R Weep Screed™
The L & R Weep Screed from MTI is the only rainscreen compatible weep screed on the market, with large slots for drainage immediately below the Sure Cavity™ rainscreen. The L & R Weep Screed allows you to create a ventilated rain screen assembly for maximum drying power to keep your walls dry and safe for generations.

<table>
<thead>
<tr>
<th>Product Number</th>
<th>LR 3501</th>
</tr>
</thead>
<tbody>
<tr>
<td>Piece</td>
<td>8 ft</td>
</tr>
<tr>
<td>Tube</td>
<td>160 ft / 20 pieces</td>
</tr>
</tbody>
</table>

Wall Opening Weeps™
Weeps aren’t just for brick veneers - thin stone needs a path to drain too. Wall Opening Weeps create pathways to drain directly on the flashing above windows and in run-to-grade applications. Each Wall Opening Weep creates 5 weep tunnels directly on the flashing to keep your walls dry.

<table>
<thead>
<tr>
<th>Product Number</th>
<th>WOW 9095</th>
</tr>
</thead>
<tbody>
<tr>
<td>Box</td>
<td>100 pieces</td>
</tr>
</tbody>
</table>

Moisture Diverter™
Window rough openings are a common weak spot for moisture problems - but if the rough opening doesn’t get wet problems are prevented. The Moisture Diverter channels water in the rainscreen drainage plane away from the rough opening to reduce the potential for leaks and keep windows dry.

<table>
<thead>
<tr>
<th>Product Number</th>
<th>DS 2858</th>
</tr>
</thead>
<tbody>
<tr>
<td>Piece</td>
<td>4 ft</td>
</tr>
<tr>
<td>Tube</td>
<td>100 ft / 25 pieces</td>
</tr>
</tbody>
</table>

Stone Cavity Weep™
Rope weeps and tubes don’t work, and that water doesn’t run uphill to drain from cell vents above the bed joint of mortar. MTI’s Stone Cavity Weep™ is a self-spaced weep system for full bed stone that quickly rolls out on the flashing to create drainage tunnels for rapid drainage at the lowest point in the wall.

<table>
<thead>
<tr>
<th>Product Number</th>
<th>SCV 5012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roll</td>
<td>25 ft</td>
</tr>
<tr>
<td>Bundle</td>
<td>50 ft / 2 rolls</td>
</tr>
</tbody>
</table>
Thin Stone Veneer at Bottom of Wall With L&R Weep Screed™

Sure Cavity™ (SC 5016 or SC 5032) or Gravity Cavity™ (GC 1816 or GC 1832) or 10MM Sure Cavity™ (SCMM 2516 or SCMM 2532) and L+R Weep Screed™ (LR 3501)


Sure Cavity™/Gravity Cavity™ Fabric to Face the Weather

Adhering Mortar

Scratch Coat

Self Furring Expanded Metal Lath

Sure Cavity™ (SC 5016 or SC 5032) or 10mm Sure Cavity™ (SCMM 2516 or SCMM 2532) or Gravity Cavity™ (GC 1816 or GC 1832)

Code Required WRB

Back-wrap fabric for bug screen

L & R Weep Screed™ (LR 3501)
Thin Stone Veneer at Bottom of Wall
Run-to-Grade with Bandstone

Sure Cavity™ (SC 5016 or SC 5032) or 10MM Sure Cavity™ (SCMM 2516 or SCMM 2532) or
Gravity Cavity™ (GC 1816 or GC 1832) and Wall Opening Weeps™ (WOW 9095)

- Thin Stone Veneer
- 5/8” to 3/4” Scratch Coat
- Self Furring Expanded Metal Lath
- Sure Cavity™/Gravity Cavity™ Fabric to Face the Weather
- Code Required WRB
- Peel and Stick Flashing
- Heavy Waterproofing
- Lap fabric over Wall Opening Weeps™
- Bandstone
- Wall Opening Weeps™ (WOW 9095)
  - Spaced 10” On Center
- Sure Cavity™
  (SC 5016 or SC 5032) or
- 10MM Sure Cavity™
  (SCMM 2516 or SCMM 2532) or
- Gravity Cavity™
  (GC 1816 or GC 1832)
- Wall Opening Weeps
  - Scored and Cracked Off
  - While Mortar Is Still Plastic

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Thin Stone Veneer to Top-Vented Wall
Stopped at Soffit

**Sure Cavity™** (SC 5016 or SC 5032) or **10mm Sure Cavity™** (SCMM 2516 or SCMM 2532) or **Gravity Cavity™** (GC 1816 or GC 1832)

- Metal Termination
- Soffit Trim Board
- Thin Stone Veneer
- 5/8” to 3/4” Scratch Coat
- Self Furring Expanded Metal Lath
- Exterior Sheathing
- 5/8” to 3/4” Scratch Coat
- Code Required WRB
- Sure Cavity fabric to face the weather
- Back-wrap fabric for bug screen

**Sure Cavity™** (SC 5016 or SC 5032) or **10mm Sure Cavity™** (SCMM 2516 or SCMM 2532) or **Gravity Cavity™** (GC 1816 or GC 1832)
Thin Stone Veneer Weep Systems and Drainage Plane with Moisture Diverter™ at Top of Window

- **Sure Cavity™** (SC 5016 or SC 5032) or **10mm Sure Cavity™** (SCMM 2516 or SCMM 2532) or **Gravity Cavity™** (GC 1816 or GC 1832) and **Wall Opening Weeps™** (WOW 9095) and **Moisture Diverter™** (WSD 2858)

**Note:** Moisture Diverter™ to Extend Past Window/Window Trim At Least 4"