WATERPROOFING

Sika® Swellstop™ &
Sika® Lockstop™

STRIP-APPLIED WATERSTOPS FOR NON-MOVING JOINTS
Sika® Swellstop™ IS A HIGHLY VERSATILE, STRIP-APPLIED WATERSTOP FOR NON-MOVING CONCRETE JOINTS. FORMULATED TO ENCAPSULATE HYDROPHILIC MATERIALS INTO A RUBBER BASE, Swellstop™ CREATES A CONTROLLED, MOISTURE-ACTIVATED, COMPRESSION SEAL.

Sika® Swellstop™’s structural integrity conforms well to the underlying substrate and exhibits self-healing properties when needed. Unlike many traditional clay-based products, Sika® Swellstop™ will not expand to a point at which the waterstop itself is destroyed. Field experience has proven that products, which continually expand, lose much of their structural integrity and can actually erode when subjected to a constant flow of water. Furthermore, the controlled expansion properties engineered into Sika® Swellstop™, reduce the internal pressures created in cast-in-place applications, which can cause spalling in foundations and wall structures.

Sika® Swellstop™ is ideal for a variety of non-moving joint applications, including:
- Retaining walls
- Box culverts
- Penetrations
- Concrete pipes
- Vaults
- Slabs

KEY ADVANTAGES
- Simple, low-cost installation
- Create watertight bond
- Require no split forming
- Multiple sizes for numerous applications
- Internationally accepted

PHYSICAL PROPERTIES

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Black</td>
</tr>
<tr>
<td>Specific gravity (ASTM D71)</td>
<td>1.60 ± 5%</td>
</tr>
<tr>
<td>Volatile matter (ASTM D6)</td>
<td>1% maximum</td>
</tr>
<tr>
<td>Penetration, cone at 77°F 15 gm, 5 sec. ASTM D217</td>
<td>40 ± 5%</td>
</tr>
<tr>
<td>Application temperature</td>
<td>10°F - 125°F</td>
</tr>
<tr>
<td>Service temperature</td>
<td>-30°F - 180°F</td>
</tr>
</tbody>
</table>

AVAILABLE SIZES

- **Sika® Swellstop™**: 3/4” X 1
  16’8" rolls x 6 rolls/carton = 100 ft./carton
- **Sika® Swellstop™ II**: 3/8” X 3/4”
  25’ rolls x 6 rolls/carton = 150 ft./carton
- **Sika® Swellstop™ SC**: 1/2” X 3/4” x 1-1/4”
  20’ roll x 6 rolls/carton = 120 ft./carton
Sika® Lockstop™ IS A STRIP-APPLIED MASTIC WATERSTOP FOR NON-MOVING CONCRETE JOINTS. WHEN PROPERLY INSTALLED USING Sika® Lockstop™ PRIMER ADHESIVE, Sika® Lockstop™ CREATES A WATERTIGHT SEAL BETWEEN CONCRETE SURFACES. Sika® Lockstop™ DOES NOT SWELL OR CREATE ANY INTERNAL JOINT PRESSURES AND REQUIRES MINIMAL CONCRETE COVERAGE.

Sika® Lockstop™ conforms well to the underlying substrate and exhibits self-healing properties. Unlike hydrophilic waterstop products, Sika® Lockstop™ will not expand when subjected to moisture and can be installed in nearly all weather conditions and temperatures.

Sika® Lockstop™ is ideal for a variety of non-moving joint applications, including:
- Retaining walls
- Box culverts
- Penetrations
- Concrete pipes
- Vaults
- Slabs

### PHYSICAL PROPERTIES

<table>
<thead>
<tr>
<th>Description</th>
<th>ASTM test</th>
<th>Required limits</th>
<th>Typical values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific gravity</td>
<td>D71</td>
<td>1.15 - 1.50</td>
<td>1.22 - 1.30</td>
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<tr>
<td>Flash point</td>
<td>D92</td>
<td>350°F min.</td>
<td>450°F</td>
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<tr>
<td>Fire point</td>
<td>D92</td>
<td>375°F min.</td>
<td>475°F</td>
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<tr>
<td>Ash inert materials</td>
<td>D482</td>
<td>25% min.</td>
<td>35%</td>
</tr>
<tr>
<td>Volatile material</td>
<td>D6</td>
<td>3% min.</td>
<td>1.20%</td>
</tr>
</tbody>
</table>
PRIMERS AND COMPLEMENTARY PRODUCTS

AVAILABLE REQUIRED PRIMERS

Swellstop™ Solvent-based primer
- Packaging: 1 gal. and 1 qt. cans
- Yield: ~700-800 ft./gal.

Swellstop™ Water-based primer
- Packaging: 1 gal.
- Yield: 2400 ft./gal.

Lockstop™ Solvent-based primer
- Packaging: 1 gal.
- Yield: ~700-800 ft./gal.

If your project involves working joints please consult Sika® Greenstreak® about one of our available PVC waterstops.

Complete Installation Guidelines and CSI Format, Three Part Specifications are available in print or online. Please consult a Sika® Greenstreak® Engineer for further information.

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Our most current General Sales Conditions shall apply. Please consult the Product Data Sheets prior to any use and processing.