SIP TAPE

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R-Control SIP Tape consists of a synthetic pressure sensitive adhesive laminated to a woven and coated polyolefin membrane. It is well-suited as an interior seam tape for SIP construction.

Warm, moist interior air escaping into SIP joints can become trapped and condense when it comes into contact with cold exterior surfaces. Sealing the interior joints of walls, wall to roof panels, as well as roof panel to roof panel, will reduce the potential for moisture collection.

Application Instructions:

All tape application at panel joints should be in accordance with R-Control SIP Construction Manual.

All surfaces must be clean, dry, and free of dust, dirt, grease, oil, and any other contaminants that may interfere with adhesion.

Position tape so that it is centered over panel joint. While unrolling tape along center line of joint, remove release film at a 45° angle and continue to press tape into place. To ensure a tight seal and minimize air bubbles and wrinkles, tape must be pressed firmly by hand to OSB at the center, working outward with a smoothing motion to the edges. A roller or similar tool must then be used to roll over the entire surface of the SIP Tape to firmly mate the tape to the OSB surface.

Installation Sequence:

Wall to roof or ridge to roof tape should be installed before ceiling panel joints are taped. Intersections of ceiling panel tape with tape at the roof or wall should be detailed so that the ceiling panel tape overlaps by a minimum of 3”. Press overlaps firmly and carefully to assure an airtight seal.

When the end of a roll is encountered, the new roll should be started by overlapping at least 3” of previously installed tape. Press overlaps firmly and carefully to assure an airtight seal.

R-Control SIP Tape is engineered and manufactured to give you control over every aspect of your project installation.

• High peel and shear strength
• No VOC; meets air quality criteria for use as an interior sealing tape
• Applies in extreme weather - down to -15°F (-26°C)
• Smooth, even film assures a correct application every time
• Quick and easy installation – no priming required
Safety, Storage and Handling.

When R-Control SIP Tape is stored indoors, out of direct sunlight, and in its original, unopened container between 60°F and 80°F (15°C and 26°C), the shelf life is 12 months. Please review SDS for product handling procedures.

Size and Availability.

Widths: Length:
4”, 6”, 9”, 12”, 18” 75’ Rolls

R-Control SIP Accessory Availability

Your nearest R-Control supplier will be happy to collaborate with you to determine your needs for R-Control SIP Accessories as part of your complete R-Control SIP package. For additional information on R-Control SIPS and to contact your nearest supplier visit our website at www.r-control.com.

SIP Tape Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Result</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adhesive Thickness</td>
<td>0.007” (0.18mm)</td>
<td></td>
</tr>
<tr>
<td>Moisture Vapor Transmission Rate (72°F/50% RH)</td>
<td>&lt;0.1 perm</td>
<td>ASTM E96</td>
</tr>
<tr>
<td>Interior Emission, Total Violate Organic Compounds</td>
<td>&lt; 1 mg/m²-hr</td>
<td>AQS-006 Standard</td>
</tr>
<tr>
<td>Adhesion to OSB</td>
<td>3.5 lbs per lineal inch</td>
<td>ASTM D3330</td>
</tr>
<tr>
<td>Sealability around Nail</td>
<td>Pass</td>
<td>ASTM D1970</td>
</tr>
<tr>
<td>Waterproof Integrity after Low Temperature Flexibility</td>
<td>Pass</td>
<td>ASTM D1970</td>
</tr>
<tr>
<td>Waterproof Integrity of Lap Seam</td>
<td>Pass</td>
<td>ASTM D1970</td>
</tr>
</tbody>
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