StoGuard® Transition Membrane
Flexible air barrier membrane

StoGuard® Transition Membrane is a flexible air barrier membrane for use on vertical above grade wall construction over properly prepared concrete, concrete masonry (CMU), glass mat gypsum sheathing and Exterior or Exposure I wood-based sheathing. It is used with StoGuard waterproof air barrier membranes including Sto Gold Coat®, Sto EmeraldCoat®, Sto AirSeal™, Sto VaporSeal™ and Sto ExtraSeal™. It is used at detail areas to provide flexible connections to achieve continuity of the air barrier assembly. It also functions as a secondary weather seal at joints in construction.
StoGuard® Transition Membrane

**Attributes**
- 4.75" Wide
- 164' Long
- 25 mils Thick

**Recommended use**
- Vertical above grade wall applications
- For continuity at transitions:
  - Sheathing to foundation
  - Dissimilar materials
  - Wall to balcony floor slab or ceiling
  - Flashing shingle lap transitions
  - Floor line deflection joints
  - Masonry control joints
  - Through-wall joints in masonry or frame construction

<table>
<thead>
<tr>
<th>Test Method</th>
<th>Test Results</th>
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<tbody>
<tr>
<td>Elongation</td>
<td>ASTM D 412 260%</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>ASTM D 412 60 psi</td>
</tr>
<tr>
<td>Tear and Adhesion Properties at 25 % Elongation</td>
<td>ASTM C 1523 No tearing or loss of adhesion after dry, wet, frozen, and heat aged conditioning</td>
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<tr>
<td>Water Vapor Permeance</td>
<td>ASTM E 96 1.48 perms</td>
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<tr>
<td>Air Leakage</td>
<td>ASTM E 2178 ≤ 0.02 L/m² @ 75 Pa</td>
</tr>
<tr>
<td>Water Column</td>
<td>AATCC 127 (Modified) No leakage for 5 hours minimum</td>
</tr>
<tr>
<td>Adhesion</td>
<td>ASTM D 4541 ≥ 60 psi on plywood, OSB, concrete, and CMU substrates. Exceeds strength of glass mat facing attachment when adhered to glass mat gypsum sheathing.</td>
</tr>
<tr>
<td>Cyclic Elongation</td>
<td>Lab Method No loss of continuity of membrane or loss of bond at joint after 500 cycles at 0% to 50% elongation and return.</td>
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</table>

**StoGuard® Transition Membrane Benefits:**

**Applicator Friendly Product**
- StoGuard® Transition Membrane can be easily applied without the use of special tools or applicator training.
- Thanks to the durability of StoGuard® Transition Membrane, it will not tear or lose effectiveness while in service.
- Because StoGuard® Transition Membrane is a fully adhered product, it will not peel or suffer loss of adhesion along edges.
- StoGuard® Transition Membrane will not stain surfaces due to adhesive leaching or streaking.

**Cost Savings**
- StoGuard® Transition Membrane does not require the use of primers or terminations mastics for proper installation.
- Because StoGuard® Transition Membrane is a flexible material, it can be used in a wide range of applications for both static and dynamic joint conditions. One product solves multiple job site conditions.
- StoGuard® Transition Membrane is compatible with all StoGuard® vapor permeable or vapor impermeable membranes.

**StoGuard® Transition Membrane Common Issues w/ Self-Adhered Membranes**
- Difficult to fold and adhere at corners
- Tearing of the membrane
- Peeling along edges
- Requires mastic

**ATTENTION**
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Contact your Sto Sales Representative for more information.

Please visit us at www.stocorp.com or call us toll-free at 800-221-2397.