TRI-BUILT® SAND SA UNDERLAYMENT

Adhesive membrane roofing underlayment consisting of a reinforced glass mat and sand covered surface which is slip resistant.
- Excellent resistance to temperature variations
- Excellent dimensional stability
- Easy Installation

STORAGE:
Rolls should be stored upright, tape side up. If the products are stored outdoors, cover them with an opaque protective cover after removing the delivery packaging. Can withstand freezing but must be reactivated to at least 5° C (41 °F) before installation.

SURFACE PREPARATION & INSTALLATION:
The substrate must be clean, dry and free of dust, grease or other contaminants.
1. If conditions require, prepare the substrate with EXTERIOR PRIMER or H₂O PRIMER
2. Position the membrane parallel to the roof edge while leaving about 8 cm (3.2 in) at the front where the gutter will be installed.
3. Remove the underside silicone film, about 10 cm (4 in).
4. Press the membrane in place.
5. Continue removing the silicone film.
6. While pressing the membrane, smoothen with a rubber roller, to increase adhesion.
7. Remove the remaining silicone release film, press the entire surface of the membrane, with a heavy smoothing rubber roller.

PRODUCT CHARACTERISTICS:
Type
SBS modified bitumen
Surface
Sand
Underface
Two parts silicone release film (split-back)
Installation
Self-adhesive
Type of roof covering
Asphalt shingles
Substrate
Plywood, OSB, Asphalitic panel
Operating temperature
-45 °C to 90 °C (-49 to 194 °F)
Maximum exposure
Cover as soon as possible

<table>
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<tr>
<th>PROPERTIES</th>
<th>STANDARDS</th>
<th>TRI-BUILT SA UNDERLAYMENT</th>
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<tbody>
<tr>
<td>Breaking Strength – MD/XD</td>
<td>ASTM D1970</td>
<td>10 / 7 kN/m (57 / 40 lbf/ft)</td>
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<td>Elongation at Break – MD/XD</td>
<td>ASTM D1970</td>
<td>20 / 20%</td>
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<tr>
<td>Tear Resistance</td>
<td>ASTM D1970</td>
<td>350 / 300 N (79 / 67 lbf)</td>
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<td>Static Puncture resistance</td>
<td>ASTM E154</td>
<td>200 N (45 lbf)</td>
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<tr>
<td>Adhesion to Plywood, 4.5 °C (40 °F)</td>
<td>ASTM D1970</td>
<td>120 N/m (8.3 lbf/ft)</td>
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<tr>
<td>Adhesion to Plywood, 24 °C (75 °F)</td>
<td>ASTM D1970</td>
<td>300 N/m (20 lbf/ft)</td>
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<tr>
<td>Low Temperature Flexibility</td>
<td>ASTM D1970</td>
<td>29 °C (-20 °F)</td>
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<tr>
<td>Water Vapour Permeance</td>
<td>ASTM E96</td>
<td>&lt;2.1 ng/Pa·s·m² (&lt;0.04 perm)</td>
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<td>Nail Sealability</td>
<td>ASTM D1970</td>
<td>Pass</td>
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