

# LASTOBOND SMOOTH SEAL HT

EAVE PROTECTOR | UNDERLAYMENT



Self-adhesive underlayment used under metal roofing or asphalt shingles. It is designed to withstand temperature variations from -45 °C to 115 °C (-49 °F to 240 °F).

- Excellent resistance to temperature variations
- Anti-slip
- Easy Installation

## PRODUCT PURPOSE

|                  |               |                  |
|------------------|---------------|------------------|
| Application      | Waterproofing |                  |
| Building Part    | Roofing       |                  |
| Types of Slope   | Steep slope   |                  |
| Type of covering | Sheet metal   | Asphalt shingles |
| Substrates       | Plywood       | OSB              |

## PRODUCT CHARACTERISTICS

|                        |                                     |
|------------------------|-------------------------------------|
| Technology             | SBS modified bitumen                |
| Surface                | Non-woven polypropylene             |
| Underface              | Silicone release film               |
| Reinforcement          | Glass mat                           |
| Installation Method    | Self-adhesive                       |
| Operating Temperatures | -45 °C to 115 °C (-49 °F to 240 °F) |
| Maximum exposure       | 60 days                             |

## PACKAGING

| Code  | Width |    | Length |    | Thickness |      | Selvage Width | Net Area       |                 | Brute Area     |                 | Quantity (per pallet) |
|-------|-------|----|--------|----|-----------|------|---------------|----------------|-----------------|----------------|-----------------|-----------------------|
|       | m     | in | m      | ft | mm        | mils | mm            | m <sup>2</sup> | ft <sup>2</sup> | m <sup>2</sup> | ft <sup>2</sup> |                       |
| 00929 | 0.91  | 36 | 20     | 65 | 1.2       | 47   | 75            | 16.6           | 178.75          | 18.2           | 195             | 25                    |
| 00959 | 0.91  | 36 | 20     | 65 | 1.2       | 47   | 75            | 16.6           | 178.75          | 18.2           | 195             | 36                    |




## PROPERTIES

| Properties   | STANDARDS  | LASTOBOND SMOOTH SEAL HT               |
|--|------------|--|
| Roll weight – 18 m <sup>2</sup> (195 ft <sup>2</sup> ) | -          | 22.3 kg (49 lb)                        |
| Tensile Strength, MD/XD                                | ASTM D1970 | 12.6 / 7.6 kN/m (72.1 / 43.7 lbf/in)   |
| Elongation at Break, MD/XD                             | ASTM D1970 | 29 / 31%                               |
| Tear Resistance  | ASTM D1970 | 458 / 329 N (103/74 lbf)               |
| Static Puncture  | ASTM D5602 | 373 N (83.9 lbf)                       |
| Adhesion to Plywood, 24 °C (75.2 °F)                   | ASTM D1970 | 11.5 kgf / 30.5 cm (25.3 lbf/ft)       |
| Low Temperature Flexibility                            | ASTM D1970 | -29 °C (-20 °F)                        |
| Water Vapour Permeance                                 | ASTM E96   | 2.4 ng/Pa•s•m <sup>2</sup> (0.04 perm) |
| Nail Sealability                                       | ASTM D1970 | Pass                                   |

(All values are nominal)

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### 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.   |  |                  |
| Minimum Application Temperature | 5 °C (41 °F)  |  |                  |
| Complementary products          | EXTERIOR PRIMER   | OR H <sub>2</sub> O PRIMER   |                  |
| Tools Required                  |  Knife   |  | Smoothing roller |
|                                 |    | Tape measure   |                  |
| Surface Preparation             | The substrate must be clean, dry and free of dust, grease or other contaminants.  |  |                  |
| Installation Prerequisite       | The use of EXTERIOR PRIMER or H <sub>2</sub> O PRIMER is not required on most surfaces when the membrane is covered within 24 hours of installation.  |  |                  |
| Installation                    | <ol style="list-style-type: none"> <li>1. If conditions require, prepare the substrate with EXTERIOR PRIMER or H<sub>2</sub>O PRIMER.</li> <li>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.</li> <li>3. Fold back on itself, by half of its width, or 50 cm (20 in) over the whole length already positioned. It is recommended to kneel on the unfolded portion of the membrane to keep it in place during this operation.</li> <li>4. Remove the protective film from the folded section while placing the membrane on the support. The self-adhesive portion then adheres to the support.</li> <li>5. Then take the other side of the membrane and repeat the previous two steps.</li> <li>6. Immediately apply pressure on the membrane using a heavy metal roller or a hard rubber roller to ensure adhesion between the support and the membrane and avoid forming bulges, folds or gaps.</li> </ol> <p>Note: The transverse and longitudinal overlap should be 75 mm (3 in).</p> <p>Refer to ROOF SYSTEM INSTALLATION for waterproofing membrane installation to roof details and upstands.</p> |  |                  |
| Recommendations/ Limitations    | It is not recommended to use a product containing bitumen directly on boards softwood or flexible polyvinyl chloride. Check that the membrane is not dusty, wet or frosted to maintain its slip resistance.   |  |                  |

For UL product evaluation, see UL Evaluation ER-21824-01

