

# TRI-BUILT® SMOOTH HT S/A UNDERLAYMENT

## DESCRIPTION

**TRI-BUILT® SMOOTH HT S/A Underlayment** is a SBS modified bitumen membrane reinforced with a fiberglass mat. The self-adhesive underface is covered with a split back silicone release film. The top face is composed of a non-slip plastic surface.

**TRI-BUILT® SMOOTH HT S/A Underlayment** is used as a waterproofing membrane under metal roofing or as an eaves protection under asphalt shingles roofing and other roofing materials.

Apply to clean, dry surfaces of plywood, OSB or asphalt panels. Product can be left exposed up to 60 days under certain conditions.

Application temperature: 40 to 122 °F (4.5 to 50 °C)

Service Temperature: -49 to 220 °F (-45 to 104 °C)

## RECOMMENDED USES

- Metal roof underlayment for edges and details:
  - Dormers
  - Valleys
  - Ridges
  - Vents
  - Skylights
  - etc.
- Eaves protection on medium to high slope roofs

## PACKAGING & COVERAGE

Rolls of 3 ft x 65 ft (0.91 m x 19.8 m) covering approximately 195 ft<sup>2</sup> (18 m<sup>2</sup>).  
36 rolls per pallet

## PROPERTIES

PROPERTIES	STANDARDS	TRI-BUILT® SMOOTH SEAL HT
Thickness	-	47 mil (1.2 mm)
Reinforcement	-	Glass Mat
Surface	-	Anti-Slip Plastic Film
Underface	-	Split-Back Silicone Release Film
Roll weight	-	49 lb (22.3 kg)
Tensile Strength, MD/XD	ASTM D1970	72.1 / 43.7 lbf/in (12.6 / 7.6 kN/m)
Elongation at Break, MD/XD	ASTM D1970	29 / 31 %
Tear Resistance	ASTM D1970	103/74 lbf (458 / 329 N)
Static Puncture	ASTM D5602	83.9 lbf (373 N)
Adhesion to Plywood, 75.2 °F (24 °C)	ASTM D1970	25.3 lbf/ft (11.5 kgf / 30.5 cm)
Low Temperature Flexibility	ASTM D1970	-20 °F (-29 °C)
Water Vapour Permeance	ASTM E96	0.04 perm (2.4 ng/Pa•s•m <sup>2</sup> )
Nail Sealability	ASTM D1970	Pass
(All values are nominal)		

## RESTRICTIONS

- Do not apply directly onto wood planks. Cover surface with plywood or OSB panels prior to the membrane application.
- Verify for safety that membrane is not dusty, wet or icy to keep its maximum anti-slip property.
- It is not recommended to use an elastomeric bitumen membrane directly on softwood boards or on flexible polyvinyl chloride.

## STORAGE

Can be stored at temperatures below 32 °F (0 °C), but must be conditioned 24 hours at minimum 40 °F (4.5 °C) before its use. Keep upright at all times.



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