



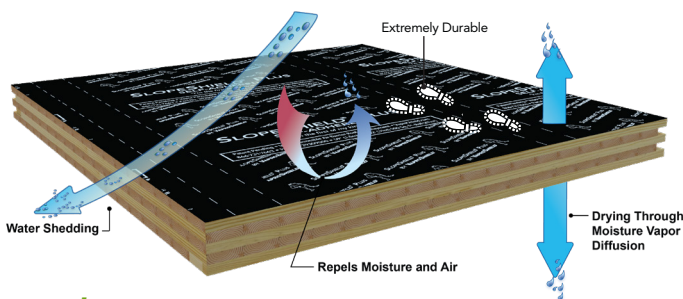
## SlopeShield® Plus Self-Adhered

a highly vapor permeable roofing underlayment Air Barrier (AB)

Roll Size: 59" Product No.: 29309000/Roll Size: 29.5" Product No.: 41303400

## SlopeFlashing

Product No.: 41308000



### Product Description

SlopeShield Plus SA is a self-adhering, water shedding, vapor permeable roofing underlayment. It protects roof assembly materials by allowing vapor to pass through (breathable) while concurrently blocking liquid water and air —mitigating costly moisture damage and saving energy for the life of the building.

#### BASIC USE

SlopeShield Plus SA can be installed on:

- Steep slope roofs of 2:12 (9.46 degrees) or greater
- Low slope roofs below 2:12
- Lightweight concrete decks new and re-roof
- Structural concrete roof decks new and re-roof
- Mass timber roof deck/floor deck as the structure is erected

#### MATERIALS

SlopeShield Plus Self-Adhered consists of a spun-bond polyester fabric with proprietary coatings on the top and underside. The underside is a fully self-adhered adhesive protected by a siliconized release film, which is removed during installation.

#### BENEFITS

**Superior roof envelope protection** – high drying capacity (30 perms) allows the roofing assembly materials to dry out, reducing the risk of damage from moisture infiltration, mold, mildew and rot.

**Proven to dry-out mass timber** through moisture vapor diffusion based on third-party testing reports.

**Assists in drying** damp roof deck.

**Allows moisture trapped** in wet roof assembly materials, minor breaches in roof cover, weather events, and construction to dry through vapor diffusion.

**Airtight air barrier** - meeting energy code requirements.

**Extremely durable**, slip resistant, UV stable, and walkable.

**Resists bulk water intrusion**, offers temporary water holdout protection based upon proper installation.

**Sustains up to 180 days of UV and climate** exposure prior to

roof system installation.

**Extremely aggressive**, permeable, patented, pressure sensitive adhesive that does not require primer.

**Black color accelerates drying effect** by solar gain.

**Allows for insulation reuse in re-roof projects** or lightweight concrete compact roofs utilizing polyisocyanurate rigid insulation.

**High Temp Resistance** – specially formulated to withstand temperatures up to 250°F (121°C).

**Emits zero VOCs** ensuring crew safety and a healthy building.

### Compatible Substrates

- Gypsum/Fiber Roof Sheathing Boards
- Rigid Insulation
- Concrete (bull bloat finish or better)
- Plywood
- Mass Timber - all types
- Pre-painted Steel
- Galvanized Metal
- Steel Deck
- Aluminum (Painted/Mill Finish)
- \*For OSB and OSB factory-coated products contact VaproShield Technical.

### Roof Materials

- Metal Roofing
- Cedar Shingles/Shakes with VaproMat™
- Slate and Tile
- Metal - Class A roof assembly with 1/4" thermal board
- Tile - Class A no thermal board

### Technical Data & Environmental

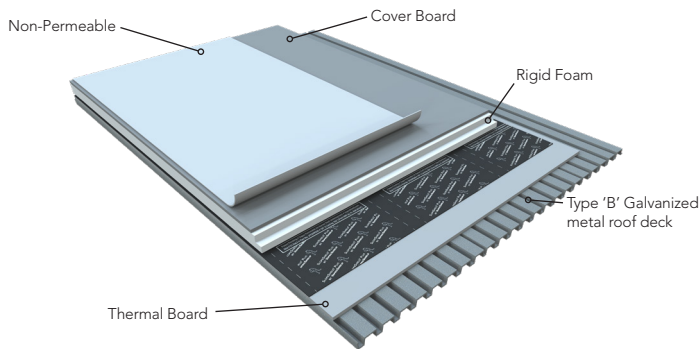
Tested to industry standards for vapor permeable roofing underlayment air barrier materials.

PHYSICAL PROPERTIES	
PROPERTY	RESULT
Color	Black with White Lettering (TOP)
Thickness	0.02 in (0.51 mm) (20 mil)
Membrane Weight	447 g/m² (1.46 oz/ft²)
Roll Dimensions	59" x 102' (1.5 m x 31.1 m), 500 ft² (46.6 m²) gross 29.5" x 102' (749mm x 31.1m), 275 ft² (23.3m²) gross
Primer	No Primer Required
VOCs	None
Minimum Application Temperature	20°F (-6°C)
Service Temperature	minus 40°F (-40°C) - 250°F (121°C)
High Temp Resistance	250°F (121°C)
Warranty	20 year material warranty

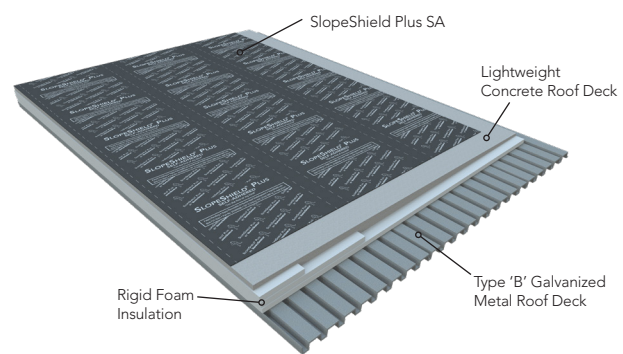
# PRODUCT OVERVIEW

SlopeShield Plus Self-Adhered - Full Width Roll Part No.: 29309000 / SlopeShield Plus Self-Adhered - Half Width Roll Part No.: 41303400

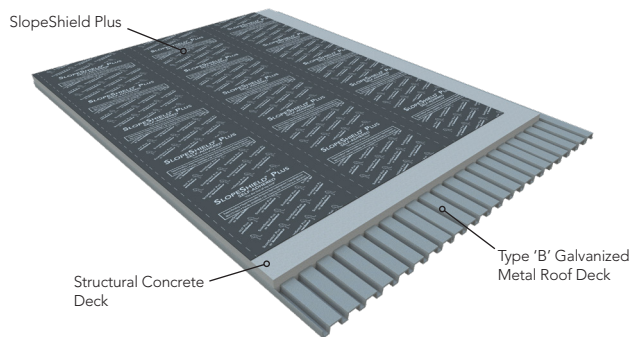
## Low Slope Roofs below 2:12, Lightweight and Structural Concrete Decks, New and Re-Roof



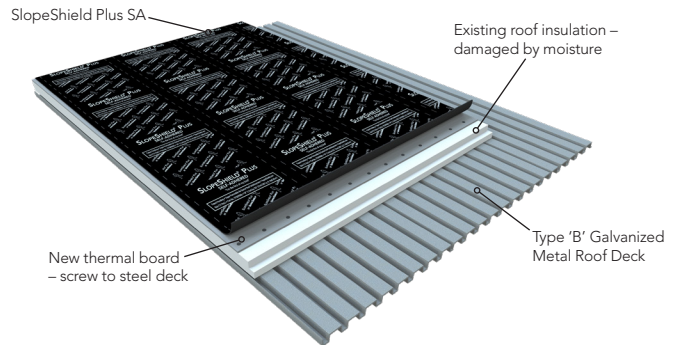
**Typical Compact Roof:** Apply SlopeShield SA Plus to top of thermal board.



**Lightweight Concrete Deck:** Apply SlopeShield Plus SA directly to concrete roof deck.



**Structural Concrete Deck:** SlopeShield Plus SA can be applied over green concrete or over a damp existing concrete roof deck provided the surface complies with a bull float finish or better.



**Re-Roofing:** Installing SlopeShield Plus SA on new thermal board applied over existing insulation allows for the drying and reuse of existing insulation.

## Steep Slope Roofs of 2:12 or Greater



Standing Seam Metal Roof



Cedar Shingles/Shakes



Slate Roof



High End Residential

## Mass Timber Protection



Install SlopeShield Plus SA over mass timber roof deck/floor deck to protect it from moisture intrusion and construction damage.

Visit [VaproShield.com](https://www.vaproshield.com) for Comprehensive Testing Data, Installation Instructions, and Details