

**POLYGLASS**



# POLYVAP™ SA S

LOW SLOPE SELF-ADHERED AIR/VAPOR BARRIER

PolyVap SA S is a non-asphaltic self-adhered vapor and air barrier for use in commercial low-slope roofing applications. This membrane features a high strength polypropylene sheet with an aggressive acrylic-based adhesive on the bottom that bonds to most substrates.

PolyVap SA S is a carrierless membrane surfaced with a slip-resistant top to enhance walkability. This membrane can also be used as a temporary roof.

## Applications

- As an air/vapor barrier in low-slope roofing applications
- For use as a temporary roof up to 90 days
- For applications on steel, OSB, plywood, gypsum and thermal boards

## Versatility

PolyVap SA S can be used as an air/vapor barrier and a temporary roof. The top surface is compatible with approved coverboards and Polytherm insulation; mechanically attached or adhered with Polyglass LRF (low-rise foam) adhesive. Polyglass offers a variety of waterproofing membranes to complete the roof assembly.

## Performance

- Versatile dual use air/vapor barrier
- Up to 90 day exposure
- Impermeable to air, moisture, and water
- Aggressive self-adhesive for wind uplift performance
- Direct to metal deck application; no primer required
- Weather install temperatures from 20°F and rising
- When installed with an approved Polyglass assembly, qualifies for a Roof System Warranty (RSW)



## Product Data\*

Net Coverage (Approx)	..... 473 ft <sup>2</sup> (44 m <sup>2</sup> )
Gross Coverage.....	500 ft <sup>2</sup> (46.5 m <sup>2</sup> )
Weight (Approx) .....	48 lbs (22 kg)
Thickness (Nominal) ...	10 mils (0.25 mm)
Roll Size.....	100' × 60" (30.5 m × 1.5 m)
Rolls/Pallet .....	60

\*All values are nominal at time of manufacturing

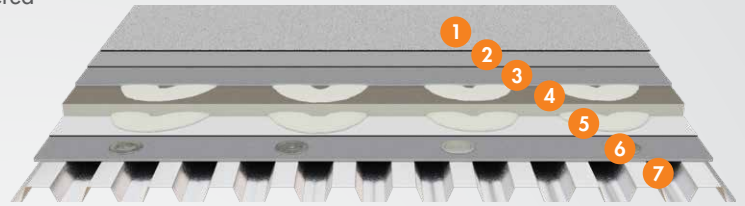
## Product Code

PVSAS

# Typical PolyVap SA S Assemblies\*

## Steel - Vapor Barrier Over Thermal Barrier

- 1 Cap Ply: Polyglass Cap Sheet, Torch Applied, Hot Asphalt or Self-Adhered
- 2 Base Ply: Polyglass Base Sheet, Torch Applied, Hot Asphalt or Self-Adhered
- 3 Cover Board: Gypsum Coverboard, adhered with Polyglass LRF M or Polyglass LRF CR
- 4 Insulation: Polytherm®, adhered with Polyglass LRF M or Polyglass LRF CR
- 5 Vapor Barrier: **PolyVap SA S**, self-adhered
- 6 Thermal Barrier: Gypsum Coverboard, mechanically fastened
- 7 Deck: Steel deck



## Steel - Vapor Barrier Direct-to-Deck - Fastened Insulation

- 1 Cap Ply: Polyglass Cap Sheet, Torch Applied, Hot Asphalt or Self-Adhered
- 2 Base Ply: Polyglass Base Sheet, Torch Applied, Hot Asphalt or Self-Adhered
- 3 Cover Board: Gypsum overboard, adhered with Polyglass LRF M or Polyglass LRF CR
- 4 Insulation: Polytherm®, mechanically fastened
- 5 Vapor Barrier: **PolyVap SA S**, self-adhered to the tops of the steel ribs
- 6 Deck: Steel deck



## Steel - Vapor Barrier Direct-to-Deck - LRF Adhered System

- 1 Cap Ply: Polyglass Cap Sheet, Torch Applied, Hot Asphalt or Self-Adhered
- 2 Base Ply: Polyglass Base Sheet, Torch Applied, Hot Asphalt or Self-Adhered
- 3 Cover Board: Gypsum Coverboard, adhered with Polyglass LRF M or Polyglass LRF CR
- 4 Insulation: Polytherm®, adhered with Polyglass LRF M or Polyglass LRF CR
- 5 Vapor Barrier: **PolyVap SA S**, self-adhered to the tops of the steel ribs
- 6 Deck: Steel deck



\* Consult design engineer for proper placement of vapor barrier