

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 and surfaced with a slip resistant top to enhance walkability. This membrane can 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. 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 and temporary roof membrane
- 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 ² (44 m ²) |
| Gross Coverage..... | 500 ft ² (46.5 m ²) |
| 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

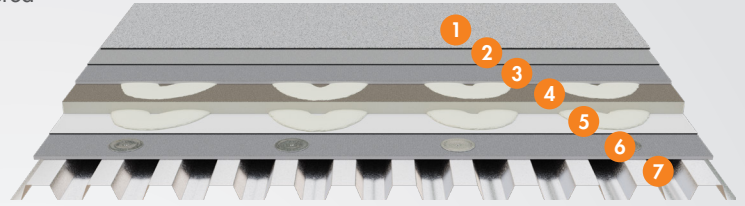
Product Code

PVSAS

Typical PolyVap SA S Assemblies*

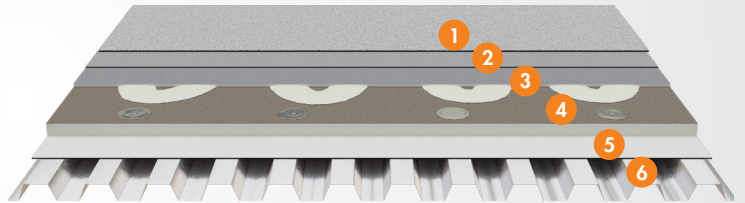
Steel - Vapor Barrier Over Thermal Barrier

- 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