

VERTIWRAP™ VPS

PRIMERLESS, SELF-ADHERED, WATER RESISTIVE VAPOR PERMEABLE AIR BARRIER

PRODUCT DESCRIPTION

VertiWrap VPS air barrier membrane permits the passage of water vapor, while acting as a barrier to air and liquid water. VertiWrap VPS reduces the buildup of moisture in the wall assembly, increasing the wall durability and comfort of the building occupants. Primerless and Self-Adhered to a variety of substrates, including glass-mat exterior grade sheathing, for quick and easy install. VertiWrap VPS is compliant in a wide variety of NFPA 285 Wall Assemblies.

FEATURES AND BENEFITS

- > 14 perms
- Primerless, airtight adhesion to glass mat sheathing down to 25°F
- Sheds water while allowing vapor to pass
- Fully adhered to substrate virtually eliminating water migration
- Watertight, airtight laps
- Seals around post-applied fasteners used in brick ties, termination bars, etc.
- Immediate resistance to wind-driven rain
- 6 months UV exposure
- NFPA 285 compliant in most wall assemblies

SYSTEM COMPONENTS

- VertiWrap NPS
- VertiWrap NPS 6"
- VertiWrap NPS 9"
- VertiWrap NPS 12"
- VertiSeal 50

TECHNICAL DESCRIPTION

Property	Test Method	Typical Result
Color		White with Green Print
Thickness, nominal		22 mils
Application Temperature, min		+25°F (-3.9°C)
Standard for Air Barrier	ASTM E1677	PASS
Water Resistance	ASTM E331	PASS @ > 15 psf
Water Resistance	AATCC TM127 Method B Option 2	PASS – 55 cm static water head for 5 hours without water leakage
Water Vapor Permeance	ASTM E96 Method B	> 14 perms
Air Leakage (Membrane)	ASTM E2178	< 0.02 L/S.m. ²
Air Leakage through Assembly	ASTM E2357	< 0.2 L/S.m. ²
Tensile Strength, Dry	ASTM D882	> 40 lbf / in per in width
Average Break Force, Dry	ASTM D5034	> 40 lb MD > 35 lb XD
Peel Adhesion to DensGlass ¹	ASTM D903	> 1.5 lbf/in
Lap Adhesion @ 25°F ²	ASTM D903 Modified	> 1.5 lbf/in
Nail Sealability	ASTM D1970 Sec 8.9	PASS
Low Temperature Flexibility	AC38 Section 3.34	PASS
UV Exposure	AC38 Section 4.1.2	PASS
Flame Spread	ASTM E84	Class A
Smoke Developed	ASTM E84	Class A
NFPA 285	NFPA 285	PASS

1. At room temperature after 24 hours of conditioning at test temperature and pull speed of 12 in/min

2. At 25°F after 24 hours of conditioning at test temperature and pull speed of 12 in/min



PRODUCT DATA

4' x 100' (1.2 m x 30.4 m)

400 ft²/roll (37.1 m²)

Weight per roll 16.1 lb (7.3 kg)

40 rolls per pallet

APPROVALS & CERTIFICATIONS

- NFPA 285 compliant in several wall assemblies

WHERE TO USE

- Above grade walls

PRODUCT CODES

- VTWVPS48100

POLYGLASS®



www.polyglass.us

VERTIWRAP™ VPS

PRIMERLESS, SELF-ADHERED, WATER RESISTIVE VAPOR PERMEABLE AIR BARRIER

STORAGE AND SHELF LIFE

12 month shelf-life if stored in its original packaging in a dry environment at a temperature between 40°F and 90°F (4°C and 32°C). Store VertiWrap VPS off the ground and protected from moisture.

LIMITATIONS AND PRODUCT APPLICATION

Reference installation guide or contact Technical Service for limitations and proper application guidance.

CORPORATE HEADQUARTERS

Polyglass U.S.A., Inc.
1111 West Newport Center Drive
Deerfield Beach, FL 33442
www.polyglass.us

General Line: (888) 410-1375
(954) 233-1330

Customer Service: (800) 222-9782
Technical Service: (866) 794-9659

Questions? technical@polyglass.com

Product Disclaimer: Unless otherwise incorporated into or part of a supplemental manufacturer's warranty, Polyglass warrants its product(s) against manufacturing defects in its product that directly results in leakage for a period of 1 year. Refer to safety data sheet (SDS) for specific data and handling of our products. All data furnished refers to standard production and is given in good faith within the applicable manufacturing and testing tolerances. Polyglass U.S.A., Inc., reserves the right to improve and change its products at any time without prior notice. Polyglass U.S.A., Inc. cannot be held responsible for the use of its products under conditions beyond its own control. For most current product data, detail drawings and warranty information, visit www.polyglass.us

POLYGLASS®



www.polyglass.us