

Airlok® Sheet 400 NP

Product Overview



Airlok® Sheet 400 NP is a 40-mil, laminated, modified-asphalt, self-adhesive, non-permeable sheet membranes bonded to a cross-laminated polyethylene sheet designed for air and moisture applications with a 60-day UV exposure. Rubberized-asphalt properties allow for self-sealing around fasteners, sealing of laps, and adhesion to the substrate at ambient application temperatures of 25°F (-4°C) and rising.

Each of our sheet products come with complementary cut sizes for flashing applications to a similar specification to our sheet membranes. As an alternative, we have a series of fluid-applied flashing and detail products.



Airlok® 400 NP signifies the Non-Permeable properties of this formulation.



Available in 6", 9", 12", 18", 24", and 36" widths.



All rolls are 75 linear feet.



Provides excellent resistance to air leakage and vapor diffusion.



High puncture resistance, provides protection on the job site.



Can be field cut to meet the needs of your job.



Selvedge edges and zip strips included providing a robust seam.



Application temperatures of 25°F (-4°C) and rising.

| Property | Test Method | Typical Value |
|--|---------------------------|---|
| Membrane Thickness | ASTM D 1000 | 40 mils |
| Color | | 36" width: pre-printed white 6" to 24" widths: black |
| Service Temperature | | -40°F to 160°F (-40°C to 71°C) |
| Air Permeance | ASTM E 2178 | 0.00 CFM/SF (0.0003 L/s*m ²) |
| Structural Performance | ASTM E 330 | Pass |
| Water Resistance | AATCC 127-08 | Pass |
| Crack Bridging | ASTM C 1305 | Pass |
| Tensile Strength - Membrane | ASTM D 412 Modified Die C | 574 PSI (MD) 585 PSI (TD) |
| Tensile Strength - Membrane | ASTM D 882 Modified | 650 PSI (MD) 868 PSI (TD) |
| Breaking Strength | ASTM D 882 Modified | 27.4 lbs./in (MD) 36.1 lbs./in (TD) |
| Elongation - Ultimate failure of Rubberized Asphalt | ASTM D 412 Modified Die C | > 800% |
| Permeance to Water Vapor Transmission | ASTM E 96 Method A | 0.00 Perms (0.19 ng/Pa*s*m ²) |
| Permeance to Water Vapor Transmission | ASTM E 96 Method B | 0.03 Perms (1.97 ng/Pa*s*m ²) |
| Puncture Resistance - Membrane | ASTM E 154 | 53.3 lb _f |
| Nail Sealability | ASTM D 1970 | Pass |
| Low Temperature Flexibility | ASTM D 1970 | Pass |
| Tear Initiation & Tear Propagation | ASTM D 4073 | 15.58 lb _f |
| Pull Adhesion - Concrete | ASTM D 4541 | 35.7 PSI |
| Pull Adhesion - DensGlass® | ASTM D 4541 | 31.7 PSI |
| Peel Adhesion - Concrete | ASTM D 903 | 9.51 lbs./in. width |
| Peel Adhesion - DensGlass® | ASTM D 903 | 8.39 lbs./in. width |
| Lap Peel Adhesion | ASTM D 1876 | 10.5 lb _f /in. |
| SYSTEM PROPERTIES | TEST METHOD | TYPICAL VALUE |
| Air Permeance of an Assembly | ASTM E 2357 | 0.012 cfm/ft ² @ 1.57 psf |
| Evaluation of Fire Propagation of Building Materials | NFPA 285 | Compliant* |

*Related to specific assemblies

Companion Products



**650 WB
Liquid Adhesive**



**650 LT
Liquid Adhesive**



**California
Sealant**



**Detail
Sealant PW™**

contact us



3801 S. IH-45
Ennis, TX 75119

Phone: 214-515-5000

Web: www.polyguard.com

Social: @polyguardproducts

