

# 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.



Selvage 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 <sup>2</sup> )
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 <sup>2</sup> )
Permeance to Water Vapor Transmission	ASTM E 96 Method B	0.03 Perms (1.97 ng/Pa*s*m <sup>2</sup> )
Puncture Resistance - Membrane	ASTM E 154	53.3 lb <sub>f</sub>
Nail Sealability	ASTM D 1970	Pass
Low Temperature Flexibility	ASTM D 1970	Pass
Tear Initiation & Tear Propagation	ASTM D 4073	15.58 lb <sub>f</sub>
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 <sub>f</sub> /in.
<b>SYSTEM PROPERTIES</b>	<b>TEST METHOD</b>	<b>TYPICAL VALUE</b>
Air Permeance of an Assembly	ASTM E 2357	0.012 cfm/ft <sup>2</sup> @ 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](http://www.polyguard.com)

Social: @polyguardproducts

