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CONSTRUCTION

ARCHITECTURE



Airlok® Sheet 400 HT/NP

PRODUCT OVERVIEW

Airlok® Sheet 400 HT/NP is a 40-mil, 36" x 75' laminated, modified asphalt, self-adhesive, non-permeable sheet membrane bonded to a cross-laminated polyethylene sheet designed for air and moisture applications. Provides a 60-day UV exposure with a broad service/performance temperature up to 260°F. Rubberized-asphalt properties allow for self-sealing around fasteners, sealing of laps, adhesion to the substrate at ambient application temperatures above 40°F (5°C). Designed for use under metal cladding and copings.

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.

- Designed for High Heat applications such as metal cladding and copings.
- 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.

Property	Test Method	Typical Value
Membrane Thickness	ASTM D 1000	40 mils
Color		36" width: non-printed white
Softening Point	ASTM D 36	< 260°F
Service Temperature		-40°F to 260°F (-40°C to 127°C)
Air Permeance	ASTM E 2178	0.00 CFM/SF (0.0003 L/s*m²)
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	821 PSI (MD) 1055 PSI (TD)
Breaking Strength	ASTM D 882 Modified	28.9 lbs./in (MD) 37.2 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*m²)
Permeance to Water Vapor Transmission	ASTM E 96 Method B	0.03 Perms (1.97 ng/Pa*s*m²)
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/ft²@ 1.57 psf
Evaluation of Fire Propagation of Building Materials	NFPA 285	Compliant*

*Related to specific assemblies

REV110526

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Companion Products



650 WB
Liquid Adhesive



650 LT
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Detail
Sealant PW™

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