

Air Permeance of 0.5lb Foam Insulation Products

Air Barrier Criteria (ASTM E 283): equal to or less than 0.02 L/s*m²

How do products compare?

	Listed in Imperial*	Metric Conversion	Meets Air Barrier Criteria
Icynene, Icynene Insulation			
ASTM E 283 @ 3.25 inches	Listed in metric	0.0080 L/s*m ²	Yes
ASTM E 283 @ 5.25 inches	Listed in metric	0.0049 L/s*m ²	Yes
NCFI, Sealite			
Air Permeance, 3 in @ 25 mph	0.05 ft ³ /min/ft ²	0.254 L/s*m ²	No
NCFI, 12-001			
Air Permeance, 3 in @ 25 mph	listed in metric	0.25 L/s*m ²	No
Gaco Green, PF-052			
3 inches @ 1.56 psf	0.04 cf/m/sq.ft.	0.203 L/s*m ²	No
5 inches @ 1.56 psf	0.01 cf/m/sq.ft	0.05 L/s*m ²	No
ProFoam, PROFILL SHS 0.5 cl 1			
Air Leakage	.02 CFM/ft ²	0.102 L/s*m ²	No
APEX, AFOC 0.5			
Air Leakage	.02 CFM/ft ²	0.102 L/s*m ²	No
APEX, ESOC 0.5			
Air Leakage,	.02 CFM/ft ²	0.102 L/s*m ²	No
UCSC, Durafill 0.5			
Air Leakage,	.02 CFM/ft ²	0.102 L/s*m ²	No
Demilec, Sealection 500			
Air leakage ASTM E283 @25 mph	0.00013 ft. ³ / s.ft ²	0.036 L/s*m ²	No

* Information obtained from the technical specification sheets contained within the company's web site as of November 2006.
Metric conversions provided by Icynene Inc.