

GLASSMAT / 0.0003 FOIL

FACING COMPOSITION	DESCRIPTION	VALUES (ENGLISH)	VALUES (METRIC)
Foil	Aluminum	0.0003 inch	7.6 micron
Adhesive	Flame Resistant		
Mat	Fiberglass	30 lbs / 3000 ft ²	49 g / m ²

PHYSICAL PROPERTIES	TEST METHOD	VALUES (ENGLISH)	VALUES (METRIC)
Basis Weight	Scale	17 lbs / 1000 ft ²	83 g / m ²
Permeance (WVTR)	ASTM E96 Procedure A	0.05 perm (grains/hr·ft ² ·in Hg)	2.9 ng / N's
Caliper / Thickness	Micrometer	0.010 inch	254 micron
Accelerated Aging	30 Days @ 95% RH, 120F (49C)	No Corrosion No Delamination	No Corrosion No Delamination
Low Temperature Resistance	ASTM D1790 -40F (-40C)	Remains Flexible No Delamination	Remains Flexible No Delamination
High Temperature Resistance	4 hours @ 240F (116C)	Remains Flexible No Delamination	Remains Flexible No Delamination
Water Immersion	24 hours @ 73F (23C)	No Delamination	No Delamination
Mold Resistance	ASTM C665	No Growth	No Growth
Emissivity	ASTM E408	0.03	0.03

FIRE TESTING	ASTM E84 Foil Side
Flame Spread	5
Smoke Developed	10

Physical Properties based upon statistical averages, Weight / Thickness +/- 10%

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