



THERM-ALL

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MB 2003

Product Information

MB 2003 is a PSK (metalized polymer film/Scrim/Kraft) vapor retarder or facing, primarily used for metal, or pre-engineered buildings. It is a cost effective metal building facing that has excellent installed appearance, while providing somewhat more strength than MB 2001. The white film side is installed toward the interior of the building.

Meets ASTM C1136, Type I, II, III, IV

FACING COMPOSITION	DESCRIPTION	VALUES (ENGLISH)	VALUES (METRIC)
White Film	Metallized Polypropylene	0.0015 inch	38.1 micron
Adhesive	Flame Resistant		
Reinforcing	Tri-directional Fiberglass/Polyester	5 / inch (MD) 5 / inch (XD)	20 / 100 mm (MD) 20 / 100 mm (XD)
Kraft	Natural	30 lbs / 3000 ft ²	49 g / m ²

PHYSICAL PROPERTIES	TEST METHOD	VALUES (ENGLISH)	VALUES (METRIC)
Basis Weight	Scale	26 lbs / 1000 ft ²	127 g / m ²
Permeance (WVTR)	ASTM E96 Procedure A	0.02 perm (grains/hrft ² in Hg)	1.15 ng / N's
Bursting Strength	ASTM D774	70 psi	4.9 kg / cm ²
Puncture Resistance	ASTM C1136	105 beach units	3.1 Joules
Tensile Strength	ASTM C1136	55 lbs/inch width (MD) 40 lbs/inch width (XD)	9.6 kN / m (MD) 7.0 kN / m (XD)
Caliper / Thickness	Micrometer	0.010 inch	254 micron
Accelerated Aging	30 Days @ 95% RH, 120°F (49°C)	No Corrosion No Delamination	No Corrosion No Delamination
Low Temperature Resistance	ASTM D1790 -40°F (-40°C)	Remains Flexible No Delamination	Remains Flexible No Delamination
High Temperature Resistance	4 hours @ 240°F (116°C)	Remains Flexible No Delamination	Remains Flexible No Delamination
Water Immersion	24 hours @ 73°F (23°C)	No Delamination	No Delamination
Mold Resistance	ASTM C665 / C1338	No Growth	No Growth
Dimensional Stability	ASTM D1204	0.25%	0.25%
Light Reflectance	ASTM C523	85%	85%

FIRE TESTING	UL 723 / ASTM E84		CAN ULC-S102M	
	Flame Spread	Smoke Developed	Flame Spread	Smoke Developed
Film Exposed	5	5	5	5
Kraft Exposed	10	20	20	25

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

This product has similar characteristics to PSK HD / WMP-30

This product is manufactured by Compac Corporation of Hackettstown, NJ

