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MB 2005

Product Information

MB 2005 is a new metal building facing that offers superior abuse resistance and improved appearance over standard PSK products. It incorporates two low permeance film layers and extra-duty reinforcement to create a high-value, high-performance facing. Available in standard metal building widths to 78 inches.

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

FACING COMPOSITION	DESCRIPTION	VALUES (ENGLISH)	VALUES (METRIC)
White Film	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)
Core	Proprietary	30 lbs / 3000 ft ²	49 g / m ²
Adhesive	Polymeric		
Film	Metallized Polyester	0.0005 inch	12.7 micron

PHYSICAL PROPERTIES	TEST METHOD	VALUES (ENGLISH)	VALUES (METRIC)
Basis Weight	Scale	32 lbs / 1000 ft ²	156 g / m ²
Permeance (WVTR)	ASTM E96 Procedure A	0.02 perm (grains/hr·ft ² ·in Hg)	1.15 ng / N's
Bursting Strength	ASTM D774	120 psi	8.4 kg / cm ²
Puncture Resistance	ASTM C1136	125 beach units	3.7 Joules
Tensile Strength	ASTM C1136	65 lbs/inch width (MD) 60 lbs/inch width (XD)	11.4 kN / m (MD) 10.5 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		BRITISH STANDARD 476
	Flame Spread	Smoke Developed	Flame Spread	Smoke Developed	Parts 6 and 7 Summary Report
Polypropylene Exposed	5	30	5	30	Class 0 Surface
Polyester Exposed	5	20	5	20	

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

This product has similar characteristics to PSP/ WMP-50

This product is manufactured by Compac Corporation of Hackettstown, NJ