

Where innovative ideas take hold.

PRODUCT DESCRIPTION:

MB 2001 is a PSK (metalized polymer film/Scrim/Kraft) vapor insulation applications as a vapor retarder or facing. It is a cost effective metal building facing that has excellent installed appearance. The white film side is installed toward the interior of the building.

Please contact Technical Service for help with product and applications questions at 877-5COMPAC (1-877-526-6722).

PRODUCT STRUCTURE	DESCRIPTION	DIMENSIONS	
Finish Side Substrate	Metalized White Film	.0015 inch	38 micron
Adhesive	Flame Retardant	High Performance	
Machine Direction Reinforcing, Primary	Fiberglass	4 /inch	6 mm spacing
Machine Direction Reinforcing, Secondary	Polyester	1 /inch	25 mm spacing
Cross Direction Reinforcing	Fiberglass	5 /inch	5 mm spacing
Back Side Substrate	White Paper	15 lb./3000 sq. ft	24 g/sq.m

PHYSICAL PROPERTY	TEST METHOD	VALUE	
Permeance	ASTM E 96, Procedure A	0.02 perms	1.15 ng/sq.m·s·Pa
Puncture Resistance	TAPPI T803	130 Beach units	3.9 Joules
Machine Direction Tensile Strength	ASTM D 828 (per C 1136)	50 lb./inch	8.8 kN/m
Cross Direction Tensile Strength	ASTM D 828 (per C 1136)	45 lb./inch	7.9 kN/m
Burst Strength	ASTM D 774	80 psi	550 kPa
Mold and Mildew Resistance	ASTM C 1338	no growth of organisms	
Humidity Resistance	ASTM C 1248	no corrosion or delamination	
Dimensional Stability	ASTM D 1204 @ 150°F (65°C)	does not exceed 0.5% change	
Low Temperature Resistance	ASTM C 1263 (per C 1136)	-41°F	-41°C
High Temperature Resistance	ASTM C 1263 (per C 1136)	+240°F	+115°C
Emissivity	ASTM C 1371	85 per cent	
Thickness, Nominal	Micrometer at Thickest Points	9.0 mils	225 microns
Weight Per Area	Scale/Balance	21 lb./1000ft. ²	100 g/m ²

SURFACE BURNING CHARACTERISTICS	TEST METHOD	VALUE	
Flame Spread*	UL 723/ASTM E84	5 film side	5 paper side
Smoke Developed*	UL 723/ASTM E84	0 film side	10 paper side
Metal Building Composite**	UL 723/ASTM E84	max. 25 flame spread/50 smoke developed	

This product meets or exceeds the requirements of ASTM C1136, type II and IV

Properties and parameters are Typical, subject to change without notice, and not intended as product specifications. Weights and thicknesses are nominal, with +/-10% tolerance. *Indicates Underwriter's Laboratories classified product. U.L. File No. R4461. **With classified adhesive and application rate. U.L. File No. R4461.