

Where innovative ideas take hold.

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.

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	White Polymeric Film	0.0015 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
Core	Natural Kraft	30 lb/3000 sq.ft	49 g/sq.m
Film	Metalized Polyester	0.0005 inch	12 micron

PHYSICAL PROPERTY	TEST METHOD	VALUE	
Permeance	ASTM E96, Procedure A	0.02 perms	1.15 ng/sq.m s Pa
Puncture Resistance	TAPPI T803	120 Beach units	3.9 Joules
Machine Direction Tensile Strength	ASTM D828 Modified	65 lb/inch	12.0 kg/cm
Cross Direction Tensile Strength	ASTM D828 Modified	50 lb/inch	10.8 kg/cm
Burst Strength	ASTM D774	105 psi	8.3 kg/sq. cm
Mold and Mildew Resistance	ASTM C1338	no growth of organisms	
Humidity Resistance	ASTM C1248	pass	
Dimensional Stability	ASTM D1204 @ 150 F (65 C)	does not exceed 0.25% change	
Low Temperature Resistance	ASTM C1263 Modified	-41 F	-41 C
High Temperature Resistance	ASTM C1263 Modified	+240 F	+115 C
Light Reflectance	ASTM C523	82 per cent	
Thickness, Nominal	Micrometer at Thickest Points	10.5 mils	255 microns
Weight Per Area	Scale/Balance	33 lb/1000 sq.ft	160 g/sq.m

SURFACE BURNING CHARACTERISTICS	TEST METHOD	VALUE
Metal Building Composite SBC*	UL 723/ASTM E84	max. 25 flame spread/50 smoke developed

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

Properties and parameters are typical, subject to change without notice, and not intended as product specifications. Weights and thicknesses are nominal, with $\pm 10\%$ tolerance. *With classified adhesive and application rate. U.L. File No. R4461.