



MB 3007X Product Information

A TriMas Company

PRODUCT STRUCTURE	COMPONENT	DESCRIPTION	DIMENSIONS	
			ENGLISH	METRIC
	Finish Side Substrate	Aluminum Foil	0.00033 inch	8.4 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	Natural Kraft	30 lb./3000 sq. ft	49 g/sq.m

PHYSICAL PROPERTIES	TEST METHOD	MEASUREMENT/RESULT	
		ENGLISH	METRIC
Permeance	ASTM E96, Procedure A	0.02 perms	1.15 ng/sq.m-s-Pa
Puncture Resistance	TAPPI T803	80 Beach units	2.4 Joules
Machine Direction Tensile Strength	ASTM D828 Modified	55 lb./inch	9.9 kg/cm
Cross Direction Tensile Strength	ASTM D828 Modified	40 lb./inch	7.2 kg/cm
Burst Strength	ASTM D774	60 psi	4.2 kg/sq. cm
Mold and Mildew Resistance	ASTM C1338	no growth of organisms	
Humidity Resistance	ASTM C1248	no corrosion or delamination	
Dimensional Stability	ASTM D1204 @ 150°F (65°C)	does not exceed 0.5% change	
Low Temperature Resistance	ASTM C1263 Modified	-41 deg.F	-41 deg.C
High Temperature Resistance	ASTM C1263 Modified	+240 deg.F	+115 deg.C
Emissivity	ASTM C1371	0.03	
Thickness, Nominal	Micrometer at Thickest Points	8.0 mils	200 microns
Weight Per Area	Scale/Balance	23 lb./1000 sq.ft.	112 g/sq.m

FIRE RESISTANCE PROPERTIES	TEST METHOD	MEASUREMENT/RESULT	
Flame Spread*	UL 723/ASTM E84	10 foil side	30 paper side
Smoke Developed*	UL 723/ASTM E84	0 foil side	5 paper side
Metal Building Composite SBC**	UL 723/ASTM E84	25 flame spread/50 smoke developed**	

This product meets or exceeds the requirements of ASTM C1136, type I-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. **With classified adhesive and application rate. U.L. File No. R4461.

Sheet No.:PIS 222

Revision No.: 2.0

Date: 7/15/04

WARRANTY: ALL COMPAC products are produced under controlled quality standards and are warranted to be free from defect in material and workmanship. Any material shown to our satisfaction to be defective within 30 days of delivery will be replaced without charge. COMPAC CORPORATION will not be responsible for claims beyond replacement of the material sold. All products are sold with the express understanding that the purchaser will independently determine the suitability of the material for the purpose for which they are purchased. Recommendations by COMPAC CORPORATION are not to be construed as warranties of any kind. No salesman, representative, or agent of COMPAC CORPORATION is authorized to give any guarantee, warranty, or to make any representation in addition to or contrary to the foregoing.