



COMMERCIAL  
BUILDING &  
RETROFIT, INC.

## WMP-10 BLACK

BLACK COATING / POLYPROPYLENE / SCRIM / KRAFT

Meets ASTM C1136, Type II, IV

Facing Composition	Description	Values (English)	Values (Metric)
Black Coating	Flame Resistant	0.0002 inch	5.1 micron
Film	Metallized Polypropylene	0.0015 inch	38.1 micron
Adhesive	Flame Resistant		
Reinforcing	Tri-directional	5 / Inch (MD)	20 / 100 mm (MD)
	Fiberglass/Polyester	5 / Inch (XD)	20 / 100 mm (XD)
Kraft	White	14 lbs 3 3000 ft <sup>2</sup>	23 gm / m <sup>2</sup>
<b>PHYSICAL PROPERTIES</b>	<b>TEST METHOD</b>	<b>VALUES (ENGLISH)</b>	<b>VALUES (METRIC)</b>
Basis Weight	Scale	21 lbs / 1000 Ft <sup>2</sup>	103 gm / m <sup>2</sup>
Permeance (WVTR)	ASTM E96 Procedure A	0.02 perm (grains/hr ft <sup>2</sup> in Hg)	1.15 ng / N s
Bursting Strength	ASTM D774	65 psi	4.6 kg / cm <sup>2</sup>
Puncture Resistance	ASTM C1136	125 beach units	3.7 Joules
Tensile Strength	ASTM C1136	40 lbs/inch width (MD) 35 lbs/inch width (XD)	7.0 kn / m (MD) 6.1 kn / m (XD)
Caliper / Thickness	Micrometer	0.009 inch	229 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	No Growth	No Growth
Dimensional Stability	ASTM D1204	0.25%	0.25%
Light Reflectance	ASTM C523	85%	85%
<b>FIRE TESTING</b>	<b>UL-723</b>		
	Flame Spread	Smoke Developed	
Polypropylene Exposed	10	10	
Polyester Exposed	15	5	

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

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