

WMP-RETRO

POLYPROPYLENE / SCRIM / KRAFT / GLASS MAT / FOIL

TENTATIVE SPECIFICATION

FACING COMPOSITION	DESCRIPTION	VALUES (ENGLISH)	VALUES (METRIC)
White Film	Metallized 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)
Kraft	Natural	30 lbs / 3000 ft ²	49 g / m ²
Adhesive	Polymeric		
Mat	Fiberglass	27 lbs / 3000 ft ²	44 g / m ²
Foil	Aluminum	0.0003 inch	7.6 micron

PHYSICAL PROPERTIES	TEST METHOD	VALUES (ENGLISH)	VALUES (METRIC)
Basis Weight	Scale	44 lbs / 1000 ft ²	215 g / m ²
Permeance (WVTR)	ASTM E96 Procedure A	0.02 perm (grains/hrft ² in Hg)	1.15 ng / N's
Bursting Strength	ASTM D774	75 psi	5.3 kg / cm ²
Tensile Strength	ASTM C1136	70 lbs/inch width (MD) 60 lbs/inch width (XD)	12.3 kN / m (MD) 10.5 kN / m (XD)
Caliper / Thickness	Micrometer	0.020 inch	508 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	
	ASTM E84
	White Side
Flame Spread	15
Smoke Developed	35

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

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