

MATERIAL SAFETY DATA SHEET

ASBESTOS BARRIER SYSTEM® includes

POLYPROPYLENE / SCRIM / FOIL

Meets ASTM C1136, Type 1

<u>FACING COMPOSITION</u>	<u>DESCRIPTION</u>	<u>VALUES (English)</u>	<u>VALUES (Metric)</u>
White Film Adhesive	Polypropylene Flame Resistant	0.0015 Inch	38.1 Micron
Reinforcing	Bi-directional Fiberglass	4 / Inch (MD) 4 / Inch (XD)	16 / 100 (MD) 16 / 100 (XD)
Foil	Aluminum	0.0003	7.6 Micron

<u>PHYSICAL PROPERTIES</u>	<u>TEST METHOD</u>	<u>VALUES (English)</u>	<u>VALUES (Metric)</u>
Basis Weight	Scale	17 lbs / 1000 ft ²	83 gm / m ²
Permeance (WVTR)	ASTM E96 Procedure A	0.02 perm (Grains/hrft ² in Hg)	1.15 / N's
Bursting Strength	ASTM D774	90 psi	6.3 kg / cm ²
Puncture Resistance	ASTM C1136	130 beach units	3.9 Joules
Tensile Strength	ASTM C1136	45 lbs/inch width (MD) 45 lbs/inch width (XD)	7.9 kn / m (MD) 7.9 kn / m (XD)
Caliper / Thickness	Micrometer	0.008 inch	203 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 Delamintaion
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%
Emissivity (Foil)	ASTM E408	0.03	0.03
Light Reflectance (Film)	ASTM C523	85%	85%