



MULTI-LAYER TESTING AND SPECIFICATIONS

	Glass Shield Multi-Layer 4/4 (4 Layer 4-Mil)	Glass Shield Multi-Layer 6/3 (3 Layer 6-Mil)	Glass Shield Multi-Layer 4/4 (Poly 4 Layer 4-Mil Poly Safe)	Mirror Shield Multi-Layer 5/4 (4 Layer 5-Mil)	3M 1004 Multi-Layer (4 Layer 4-Mil)
TESTING					
Thickness	19.5 Mil	20.5 Mil	19.5 Mil	22 Mil	19.5 Mil
Liner Thickness	1 Mil	1 Mil	1 Mil	3 Mil	1 Mil
Scratch Resistant Z26.1 Test 17	Pass	Pass	Pass	Pass	Pass
Chemical Resistant Z26.1 Test 19	Pass	Pass	Pass	Pass	Pass
ASTM E84-16 Flame & Smoke Spread	Pass	Pass	Pass	Pass	Pass
ASTM E-162 Flame Spread	Class A	Class A	Class A	Class A	Class A
ASTM E-662-17 Smoke Generation	Pass	Pass	Pass	Pass	Pass
ASTM D-882 Tensile	Pass	Pass	Pass	Pass	Pass
ASTM D-3330 Peel	Pass	Pass	Pass	Pass	Pass
ANSI Z97.1 National Std. for Safety Glazing	Pass	Pass	Pass	Pass	Pass
CPSC 16 CFR 1201 Cat 1	Pass	Pass	Pass	Pass	Pass
Z26.1 Test 1,2,28	Pass	Pass	Pass	Pass	Pass
FMVSS 302 Flammability of Interior Materials	Pass	Pass	Pass	Pass	Pass
Bombardier SMP 800c Toxicity of Smoke	Pass	Pass	Pass	Pass	Pass
ASTM D5116 VOC Organic Emission	Pass	Pass	Pass	Pass	Pass

SPECIFICATIONS					
Solar Heat Gain Coefficient	0.79	0.81	0.79	0.04	N/A
Total Solar Energy Rejected	19%	20%	20%	96%	N/A
Solar Energy Reflected	12%	12%	11%	88%	N/A
Solar Energy Absorbed	11%	16%	11%	11%	N/A
Solar Energy Transmitted	77%	72%	78%	1%	N/A
Visible Light Reflected	11%	13%	11%	89%	N/A
Visible Light Transmitted	86%	87%	86%	0%	N/A
UV Rejection	99%	99%	99%	99.9%	N/A
IR Rejection	26%	24%	26%	99%	N/A