



MULTI-LAYER TESTING AND SPECIFICATIONS

Glass Shield
Multi-Layer 4/4
(4 Layer 4-Mil)

TESTING

Thickness	19.5 Mil			
Liner Thickness	1 Mil			
Scratch Resistant Z26.1 Test 17	Pass			
Chemical Resistant Z26.1 Test 19	Pass			
ASTM E84-16 Flame & Smoke Spread	Pass			
ASTM E-162 Flame Spread	Class A			
ASTM E-662-17 Smoke Generation	Pass			
ASTM D-882 Tensil	Pass			
ASTM D-3330 Peel	Pass			
ANSI Z97.1 National Std. for Safety Glazing	Pass			
CPSC 16 CFR 1201 Cat 1	Pass			
Z26.1 Test 1,2,28	Pass			
FMVSS 302 Flammability of Interior Materials	Pass			
Bombardier SMP 800c Toxicity of Smoke	Pass			
ASTM D5116 VOC Organic Emission	Pass			

SPECIFICATIONS

Solar Heat Gain Coefficient	0.79			
Total Solar Energy Rejected	19%			
Solar Energy Reflected	12%			
Solar Energy Absorbed	11%			
Solar Energy Transmitted	77%			
Visible Light Reflected	11%			
Visible Light Transmitted	86%			
UV Rejection	99%			
IR Rejection	26%			