



SL-18 COLONIAL WOOD GRAIN FRP/ALUMINUM HYBRID DOOR TEST RESULTS

Door Panel
Indoor Air Quality, ASTM-D5116, ASTM-D6607:
GreenGuard, GreenGuard Gold
Door and Aluminum Tube Frame Assembly
Air Leakage, ASTM-E283:
<i>Opaque Swinging Door (< than 50% glass)</i>
0.05 cfm/sqft @ 1.57 psf
Impact Test, TAS 201:
<i>Single Door, 3'10" x 7'4" overall size, 1-point latching</i>
9 lbs. missile @ 50 fps, minimum 2 impacts, no rips, tears, or penetrations
Static Air Pressure, TAS 202:
<i>Single Door, 3'10" x 7'4" overall size, 1-point latching</i>
± 90 psf design pressure, pass
Forced Entry:
300lb Pull Test, pass
Cyclic Wind Pressure Loading, TAS 203.:
<i>Single Door, 3'10" x 7'4" overall size, 1-point latching</i>
± 90 psf design pressure, pass
Door and Thermally Broken Aluminum Frame Assembly
Sound Transmission, ASTM-E90:
STC = 28, OITC = 27