

Product Testing

To ensure that your Special-Lite® Entrance meets or exceeds applicable codes, your specifications and our own performance criteria, independent laboratories have been utilized to conduct standardized testing of our most popular products; the SL-17 FRP Flush Door, and our standard Tube and Storefront Framing. Detailed results are available from your sales representative, or directly from Special-Lite. Product validation testing is an on-going priority at Special-Lite, so therefore the following list is subject to change without notification.

Tests performed on SL-17 FRP Flush Doors

ASTM E 84	Surface Burning Characteristics of Building Materials
ASTM E 283-91	Air Infiltration
SFBC P.A. 201	Large Missile Impact Test
ASTM E 331	Water Resistance
SFBC P.A. 203	Criteria for Testing Products Subject to Cyclic Wind Pressure Loading
SFBC 3603.2 (b) (5)	Forced Entry Resistance Test
ANSI A250.4 - 1994	American National Standard Test Procedure and Acceptance Criteria for Physical Endurance for Steel Doors and Hardware Reinforcings
ASTM E 330	Uniform Static Load
ASTM F 476	Swinging Security Door Assembly
ASTM F 1642-04	Blast Test

Test performed on Storefront Framing and standard Tube Framing (2" x 4.5" and 2" x 6")

ASTM E 283-91	Air Infiltration
ASTM E 331	Water Resistance
ASTM E 330-97	Uniform Load Deflection
NFRC 100-97	Procedure for Determining Fenestration Product Thermal Properties
AAMA 1503-98	Voluntary Test Method for Thermal Transmittance and Condensation Resistance of Windows, Doors and Glazed Wall Sections

Contact Special-Lite for more test result information