

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this

A handwritten signature in blue ink is positioned over a horizontal bar. The bar is divided into a yellow upper section and a blue lower section. The signature is a cursive-style name that is partially obscured by the bar.

<u>Test Method:</u>	<u>Test Description:</u>
ASTM D6055	Standard test methods for mechanical handling of unitized loads and large shipping cases and crates
ASTM D6179	Standard test methods for rough handling of unitized loads and large shipping cases and crates
ASTM D6653/D6653M	Standard test methods for determining the effects of high altitude on packaging systems by vacuum method
ASTM E604	Standard Test Method for Dynamic Tear Testing of Metallic Materials
ASTM F1980	Standard guide for accelerated aging of sterile barrier systems for medical devices
ASTM G152	Standard practice for operating open flame carbon arc light apparatus for exposure of nonmetallic materials (except ISO 4892-4)
ASTM G153	Standard practice for operating enclosed carbon arc light apparatus for exposure of nonmetallic materials (except ISO 4892-4)
ASTM G154	Standard practice for operating fluorescent ultraviolet (UV) lamp

Handwritten signature in blue ink, partially obscured by a yellow and black horizontal bar.

<u>Test Method:</u>	<u>Test Description:</u>
ASTM C165	Standard test method for measuring compressive properties of thermal insulations (except for E4, E177 and E240)
ASTM C167	Standard test methods for thickness and density of blanket or batt thermal insulations
ASTM C203	Standard test methods for breaking load and flexural properties of block-type thermal insulation
ASTM C302	Standard test method for density and dimensions of preformed pipe-covering-type thermal insulation
ASTM C303	Standard test method for dimensions and density of preformed block and board-type thermal insulation
ASTM C446	Standard test method for breaking load and calculated modulus of rupture of preformed insulation for pipes
ASTM C550	Standard test method for measuring trueness and squareness of rigid block and board thermal insulation
ASTM C794	Standard test method for adhesion-in-peel of elastomeric joint sealants
ASTM C836/C836M	Standard specification for high solids content, cold liquid-applied elastomeric waterproofing membrane for use with
ASTM C1304	Standard test method for assessing the odor emission of thermal insulation materials
ASTM C1305	Standard test method for crack bridging ability of liquid-applied waterproofing membrane
ASTM C1335	Standard test method for measuring non-fibrous content of man-made rock and slag mineral fiber insulation
ASTM C1511	Standard test method for determining the water retention (repellency) characteristics of fibrous glass insulation (aircraft type)
ASTM C1559	Standard test method for determining wicking of fibrous glass blanket insulation (aircraft type)
ASTM D523	Standard test method for specular gloss
ASTM D618	Standard practice for conditioning plastics for testing
ASTM D751	Standard test methods for coated fabrics

<u>Test Method:</u>	<u>Test Description:</u>
ASTM D2244	Standard practice for calculation of color tolerances and color differences from instrumentally measured color coordinates
ASTM D2842	Standard test method for water absorption of rigid cellular plastics
ASTM D3045	Standard practice for heat aging of plastics without load
ASTM D3359	Standard test methods for measuring adhesion by tape test
ASTM D3363	Standard test method for film hardness by pencil test
ASTM D3389	Standard test method for coated fabrics abrasion resistance (rotary platform abrader)
ASTM D3574	Standard test methods for flexible cellular materials—slab, bonded, and molded urethane foams
ASTM D4060	Standard test method for abrasion resistance of organic coatings by the taber abraser
ASTM D5420	Standard test method for impact resistance of flat, rigid plastic specimen by means of a striker impacted by a falling weight (Gardner impact)
ASTM E96/E96M	Standard test methods for water vapor transmission of materials
ASTM F2096	Standard test method for detecting gross leaks in packaging by internal pressurization (bubble test)
BS EN 50155	Railway applications – Rolling stock – Environmental Tests
BS EN 61373	Railway applications – Rolling stock – Shock and Vibration Tests

ASTMT8Tm[(R)3.3 ref50.9873 BD

Equipment parameters	
Environmental: Temperature and humidity capabilities	Temperature Chamber -60°C to + 100°C Humidity 5% RH to 95%RH
Vibration: Electrodynamic vibration and shock capabilities	Displacement: ±1 inch(25mm) 2 inch (50 mm) total displacement. Frequency: 0 – 3,000H2 Force rating:4,000 lfb (17.8kN0) Shock: 60Gs

*This accreditation covers testing performed at the main laboratory, as well as the satellite laboratories listed below.

ELEMENT MATERIALS TECHNOLOGY CANADA INC
2475 Speers Road
Oakville, Ontario, Canada – L6L 6S



For the tests to which this accreditation applies, please refer to the laboratory's

Mechanical Scope of Accreditation.