Performance Test & Description

ASTM C126
Standard Specification for Ceramic Glazed Structural Clay Facing Tile, Facing Brick and Solid Masonry Units

ASTM E 283-04
Standard Test Method for Determining the Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen

ASTM E 331-00
Standard Test Method for Water Penetration of Exterior Windows, Curtain Walls, and Doors by Uniform Static Air Pressure Difference

ASTM E 330-02
Standard Test Method for Structural Performance of Exterior Windows, Curtain Walls, and Doors by Uniform Static Air Pressure Difference

ASTM C67
Standard Test Method for Sampling and Testing Brick and Structural Clay Tiles

ASTM C1354
Standard Test Method for Strength of Individual Stone Anchorages in Dimensional Stone

AAMA 501.1-05
Standard Test Method for Exterior Windows, Curtain Walls, and Doors for Water Penetration Using Dynamic Pressure

AAMA 501.4
Recommended Static Test Method for Evaluating Curtain Wall and Storefront Systems Subjected to Seismic and Wind Induced Inter-story Drifts

AAMA 501.6-01
Recommended Dynamic Test Method for Determining the Seismic Drift Causing Glass Fallout from a Wall System.

AAMA 509-09
Voluntary Test and Classification Method for Drained and Back Ventilated Rain Screen Wall Cladding Systems

Florida Building Code High Velocity Hurricane Zone Testing, Miami-Dade County, Florida 08-1014.03 July 1, 2014

TAS 201-94
Impact Test Procedures - Large Missile Impact

TAS 202-94
Criteria for Testing Products Subject to Cyclic Wind Pressure Loading

TAS 203-94
Criteria for Testing Impact & Non Impact Resistant Building Envelope Components Using Uniform Static Air Pressure

ASTM E 1886
Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials

ASTM E 1996-06
Standard Specification for Performance of Exterior Windows, Curtain Walls, Doors and Impact Protective Systems by Windborne Debris in Hurricanes

Technical Data for TerraClad™

Property/Characteristic	CRITERIA
Absorption	**ASTM C67-02C** | 4.2–6.5%
Modulus of Rupture	**ASTM C67** | 2231–3717 lbs/in^2

Dimensions and Tolerances

Width (center, parallel to core)	.039" for any cut length up to 60"	± 1.0 mm for any cut length up to 1524 mm
Height:	± .0625" up to 10"	± 1.58 mm up to 254 mm
	± .09375" up to 15"	± 2.38 mm up to 381 mm
	± .125" up to 20"	± 3.17 mm up to 508 mm
	± .15625" up to 24"	± 3.96 mm up to 609.6 mm
Thickness: (cross section of panel)	± .0625"	± 1.58 mm
Straightness: ("sweep")		± 0.25% of length
Diagonal Flatness:		± 0.25% of diagonal
Vertical Flatness:		± 0.5% of height
Torsion:		± 0.25% of diagonal

Weight per Unit Area	**ASTM C67-02C** | 130-135 lbs/ft^3
Linear Coefficient of Thermal Expansion	3.5 x 10^{-4} percent (0.00035%)
Freeze and Thaw	**ASTM C67-02C** | 300 cycles passed
Efflorescence	**ASTM C67-02C** | No efflorescence
Chemical Resistance	**ASTM C126-99** No Change in Color or Texture

Boston Valley Terra Cotta