

**ALFA®**

Architectural Accent Panels

TECHNICAL DATA SHEET

Thickness: 1/4" - 3/8"

Ver: 03 (06.2025)

Test	Standard	Property or Attribute	Measure Unit	Results
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1. Physical Properties

Bond Strength	ASTM C297	Strength of Failure ≥ 10	psi	Control: > 199 Freeze Thaw: > 265 UV Exposure: > 309
Flexural Strength	ASTM D1037	Average Strength \geq 60% of Control Control FIT: 500 Control FIC: 499	psi	Wet FIT: 593 (18.6%) Wet FIC: 602 (20.6%) Freeze Thaw FIT: 511 (2.2%) Freeze Thaw FIC: 498 (0.2%)
Freeze-Thaw Cycling	ICC-ES AC92 Section 3.2.2 & 4.2.1	Appearance/Performance		No change
Water Resistance	ASTM D2247	Appearance/Performance		No changes
Resistance to Fixings	ASTM 1037	Pull-Through Resistance Safety Factor of "3" if all requirements are met	lbs	1,320 3:440

2. Weather Resistance Requirements

Accelerated Weathering	ICC-ES AC92 Section 3.2.1 & 4.2.1	Appearance/Performance		No change
Salt Spray Exposure	ASTM B117 (300h)	Appearance/Performance		No change

3. Safety Requirements

Material Surface Burning Characteristics	ASTM E84	Classifications Frame Spread Index Smoke Developed Index	Class FSI SDI	B 26-75 0-450
Salt Spray Exposure	ASTM D1929	Appearance/Performance	C°	490

