



ALFA

Architectural Phenolic Panels

TECHNICAL DATA SHEET

Thickness: 1/4" - 3/8"

Ver: 05 (12.2025)

Test	Standard	Property or Attribute	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 change
Resistance to Fixings	ASTM 1037	Pull-Through Resistance Safety Factor of "3" if all requirements are met	lbf	1,320 3:440

2. Weather Resistance Requirements

Accelerated Weathering	ASTM G155	Appearance/Performance		No change
Salt Spray Exposure	ASTM B117 (300h)	Appearance/Performance		No change

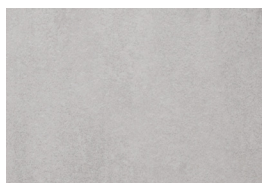
3. Safety Requirements

Surface Burning Characteristics	ASTM E84	Classifications Frame Spread Index Smoke Developed Index	Class FSI SDI	B 35 175
Ignition Temperature	ASTM D1929	Appearance/Performance	°C	490
Fire Propagation (FR only)	NFPA 285	Performance of Wall Assemblies		Pass (See Report)



AVAILABLE COLORS (*Available Soon)

Mineral



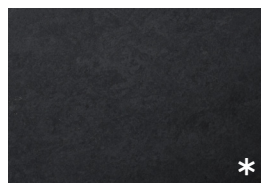
Limestone
7080P



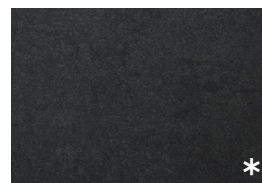
Granite
7081P



Flint
7082P

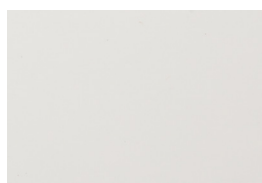


Obsidian
8908



Onyx
8921

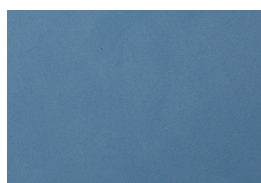
Monochrome



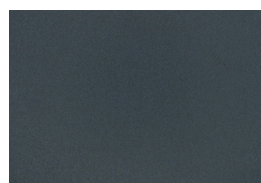
White
0020A



Sky Blue
9903



Pastel Blue
9904



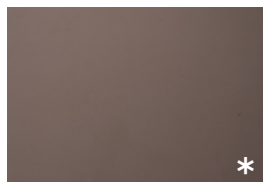
Navy
9932



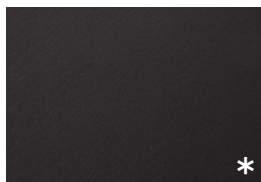
Beige
9931



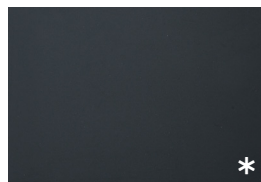
Dark Green
9933



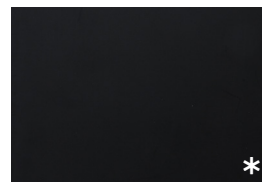
Greige
8939



Mocha Shadow
8940

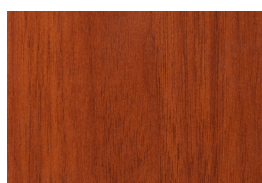


Slate Grey
8911

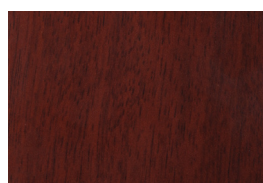


Charcoal (Black)
8610

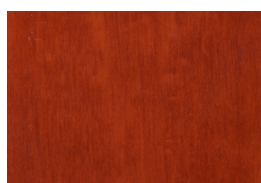
Aboreal



Oak
8825



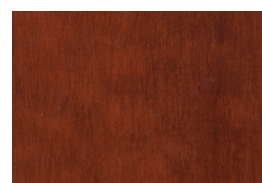
Red Oak
8826



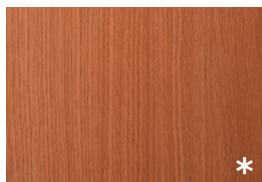
Cherry Oak
8828



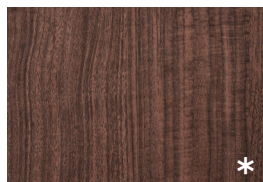
Yellow Oak
8829



Brown Oak
8827



Natural Beech
8947



Walnut
8923

Custom colors
available upon
request (longer
lead times apply)

