

## ALUMALITE™ FINISHED PRODUCT SPECIFICATION

### 1.0 STANDARD CONSTRUCTION: (Two Thicknesses)

<b>6mm</b>	0.012" painted aluminum face / corrugated polyallomer core / 0.012" painted aluminum back
<b>10mm</b>	0.012" painted aluminum face / corrugated polyallomer core x 2 / 0.012" painted aluminum back


### 2.0 PANEL DIMENSIONS:

<u>Characteristics</u>	<u>Size</u>	<u>Tolerance</u>
<b>Length:</b>	8' or 10'	± 1/4"
<b>Width:</b>	4' or 5'	± 1/4"
<b>Thickness:</b>	6mm (nominal) = 0.232"	± 1/32"
	10mm (nominal) = 0.396"	± 1/32"
<b>Squareness:</b>	Diagonals equal within 1/8"	
<b>Flatness:</b>	Maximum variation allowed is 1/4" in 4' (0.52%)	

### 3.0 MISCELLANEOUS PROPERTIES:

<u>Properties</u>	<u>Units</u>	<u>6mm</u>	<u>10mm</u>
Weight	lb/ft <sup>2</sup> avg.	0.78	0.99
Strength L/180	0.040" Aluminum = 1	16.9	48.5
AAMA L/175	0.040" Aluminum = 1	74	213
Wind Load (for 4' x 8' panel supported on four sides)	mph	120+	240+
Max. Warp (20°F difference from front to back)	inches	0.141	0.083

<b>Warranty:</b>	<i>Glue Bond</i> – 5 year limited warranty <i>Chalking</i> – No change greater than 8 units over 10 years, measured per ASTM D-4214 <i>Fade/Color Change</i> – No change greater than 8 E units (CIE L*a*b*) color difference measured using ASTM D-2244 <i>Paint</i> – Typical polyester paint finish that will not crack, chip, flake, peel (10 year warranty)
<b>Fire Rating:</b>	ASTM E84: Class A flame spread rating
<b>Bond Test:</b>	ASTM C481-A modified, cyclic aging: PASS
<b>Colors:</b>	Refer to color chart
<b>Average Outdoor Life Expectancy:</b>	10 years

 **US** CPA  
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