

D-LITE™ FINISHED PRODUCT SPECIFICATION

1.0 STANDARD CONSTRUCTION: (3mm, 1- or 2-Sided)

1-Sided 0.012" painted aluminum face / corrugated polyallomer core / 0.012" mill finish aluminum back
2-Sided 0.012" painted aluminum face / corrugated polyallomer core / 0.012" painted aluminum back

2.0 PANEL DIMENSIONS:

<u>Characteristics</u>	<u>Size</u>	<u>Tolerance</u>
Length:	8' or 10'	± 1/4"
Width:	4'	± 1/4"
Thickness:	1-Sided = 0.117"	± 1/32"
	2-Sided = 0.124"	± 1/32"
Squareness:	Diagonals equal within 1/8"	
Flatness:	Maximum variation allowed is ¼" in 4' (0.52%)	

3.0 MISCELLANEOUS PROPERTIES:

<u>Properties</u>	<u>Units</u>	<u>1-Sided</u>	<u>2-Sided</u>
Weight	lb/ft ² avg.	0.42	0.53
Strength L/180	0.040" Aluminum = 1	3	5
AAMA L/175	0.040" Aluminum = 1	14	21
Wind Load (when supported 24" on centers)	mph	132	132
Max. Warp (20°F difference from front to back)	inches	0.307	0.263

Warranty: *Glue Bond* – 5 year limited warranty
 Chalking – No change greater than 8 units over 10 years, measured per ASTM D-4214
 Fade/Color Change – No change greater than 8 E units (CIE L*a*b*) color difference measured using ASTM D-2244
 Paint – Typical polyester paint finish that will not crack, chip, flake, peel (10 year warranty)

Fire Rating: ASTM E84: Class A flame spread rating

Bond Test: ASTM C481-A modified, cyclic aging: PASS

Colors: Refer to color chart

Average Outdoor Life Expectancy: 3 to 5 years