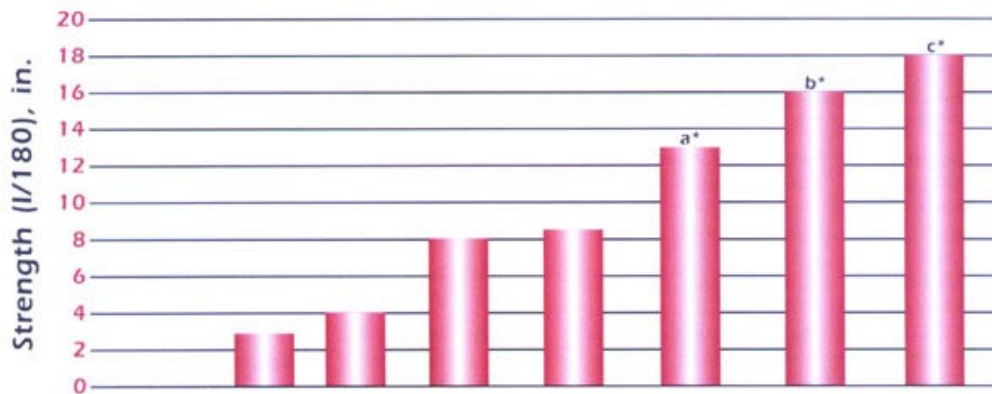


### Competitive Product Comparison



### Properties

Product	Dibond®	Alpolite®	Alucobond®	Aluminum	Omega-Lite <sup>a*</sup>	Omega-Lite <sup>b*</sup>	Omega-Lite <sup>c*</sup>
Thickness, mm	3	3	4	3	6	6	6
Strength L/180, in.	3	4	8	8.5	13	16	18
AAMA L/175, in.	11	18	35	37	58	71	79
Wind equivalent, mph	67	84	117	121	151	166	176
Weight/ft <sup>2</sup> , lb	0.86	1.03	1.22	1.83	0.67	0.81	0.93
Max. warp, in.	0.302	0.304	0.230	-0.078	0.146	0.140	0.135
T expansion	1.67	1.45	1.53	1.29	2.40	2.14	2.01
Moisture expansion	0	0	0	0	0	0	0
R value	1.05	1.01	1.08	0.85	1.25	1.25	1.25

Note: Three types of Omega-Lite panels were tested:

- a. 0.011" skin
- b. 0.024" skin
- c. 0.032" skin – all with corrugated, Polyallomer cores.

Thickness	measured thickness of the panel with correction for glue line in inches. Not corrected for metal texture
Strength L/180	lb/ft <sup>2</sup> uniform load applied to sample width. Deflection in inches/center of shortest span
AAMA L/175	lb/ft <sup>2</sup> uniform load applied to sample width. Deflection in inches/center of longest span
Wind equivalent	wind required to produce the AAMA L/175 deflection shown in miles/hour
Weight	weight in pounds of one ft <sup>2</sup> of sample
Max. warp	maximum bow at center span with a temperature difference from back to face of 20°F in inches
T expansion	thermal expansion/contraction coefficient in inches for each inch of length per °F temperature change x 10 <sup>-5</sup>
Moisture expansion	expansion caused by changing from 30% to 90% relative humidity for components R value resistance to heat flow, hr-t <sup>2</sup> - F°/Btu

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