

# OMEGA SIGNBOARD™

## Technical Data Sheet

**PRODUCT:** Omega SignBoard™

**EFFECTIVE:** April 19, 2021

**Description:** Omega SignBoard™ is a composite panel that consists of a plywood core bonded to a finished sheet of vinyl on each face or a finished sheet of vinyl on one face and a sheet of taffeta on the other. Panels are ideal for paints, digital inks (both UV and solvent cured), screen print inks, and pressure-sensitive vinyl panel applications.

**Properties:**

Thickness (standard)	1/2 in (nom)	
Weight	1.45 to 1.53 psf (+/-)	
Core	Plywood 15/32 in	
Sheets	Vinyl 0.011 in	Taffeta 0.004 in
Texture Finish	Smooth	
Color Finish	Vinyl (White Only)	
Thermal Expansion	13.1x10 <sup>-6</sup> in/in/°F	
Tolerances	(+) 1/8 in, (-) 1/2 in (Length & Width) and (+/-) 1/16 in (Thickness)	
Squareness	Equal Within 1/8" (Diagonals)	
Flatness	< 1/4 in / 4 ft (0.52%)	

**Performance:**

Flexural Rigidity (EI) <sup>1</sup> (APA PS 1-09)	8.7 x10 <sup>4</sup> lb-in <sup>2</sup> /ft
Average Outdoor Life Expectancy	3 to 5 Years
Warranty <sup>2</sup>	5 years against bond line delamination

Notes:

1. Based on published Table 9, Group 3 values.
2. With use of edge cap and Laminators Inc. approved silicone caulk. Contact Laminators Inc. for full warranty terms and conditions.

**Go beyond the panel... and go to the next level!**