

Product Specifications (NAUF):

- **Eco Panel** – A durable finish in a solid matte color. Eco Panel incorporates an energy efficient UV fusion cure that gives it a tough wear, scuff, stain and water resistant finish.

Uses: – Eco Panel is ideal for digital printing, screen printing and the application of pressure sensitive vinyl. It can be used to make signs, point of purchase displays, & trade show exhibit booths. It is intended for interior use. Due to its tough MDF substrate it is easy to fabricate with standard saws, drills, routers, etc and can get easily mounted, hung, etc.

Dimensions: Maximum Width is 4’
Maximum Length 14’
Standard sizes are 4’ x 8’
Cut-to size available upon inquiry please call for a quote.

Thickness: 1/8”
Other thickness available upon inquiry.

Color: Standard Colors are Bright White & Black
For additional colors or Custom color matching please call for a quote.

Weight: 1/8” 49” x 97” = 20 lbs.

Note: Call your SGP sales person for information regarding custom sizes of Eco Panel.

Specifications Table:

	Average Physical Properties		ANSI A208.2-2002 Grade 140	
	Imperial	Metric	Imperial	Metric
Density	55.5 lbs/ft ³	892 Kg/m ³	N/A	N/A
Moisture Content	5.50%	5.50%	N/A	N/A
Thickness Tolerance	± 0.005”	± 0.125mm	± 0.005”	± 0.125mm
Modulus Of Rupture	5,200 psi	35.8 N/mm ²	4,192 psi	28.9 N/mm ²
Internal Bond	155 psi	1.06 N/mm ²	131 psi	0.90 N/mm ²
Linear Expansion Limit	≤ 0.3%	≤ 0.3%	≤ 0.33%	≤ 0.33%
Length / Width Tolerance	± 0.07”	± 1.8mm	± 0.08”	± 2.0mm
Thickness Swell	N/A	N/A	0.087”	2.2mm
Formaldehyde Emissions Limit	≤ 0.05 ppm	≤ 0.05 ppm	≤ 0.05 ppm	≤ 0.05 ppm

More than you expect from a printable board!

Certification Standards Table:

Standard	Description	Eco Panel
CARB California Air Resources Board	Phase One	x
	Phase Two	x
LEED® U.S. Green Building Council	4.1 & 4.2 recycled content eligibility	x
	4.4 low-emitting materials	x
	MR 5.1 & 5.2 regional materials eligibility	x
SCS Scientific Certification Systems	Recycled wood content	x
EPP CPA Standard 3-08	Recycled wood content	x
	Emissions ceiling	x
SFI Sustainable Forestry Initiative	Wood fiber sourcing requirements	x
HUD CFR 3280	Particleboard Emission Ceiling	x
National Association of Home Builders Model Green Home Building Guidelines™ credit supports for	2.4.1 recycled content	x
	2.6.1 renewable resources	x
	2.6.2 certified wood sources	x
	2.8.1 locally available indigenous material	x
	5.1.5 low formaldehyde emission	x
Green Globes™ System Green Building Initiative credit support for	E2 recycled content, renewable sources and certified & sustainable sources	x

Benefits:

- **Recyclable & Biodegradable.** Not only is Eco Panel 100% Recyclable and Biodegradable it is produced following Sustainable Forestry and Environmental Principals. The MDF substrate is composed of 82% Pre-Consumer recycled wood content (dry weight basis). The surface is composed of water base products that are solvent and formaldehyde free. It is also packaged with 100% recyclable materials.
- **Cost Effective.** Eco Panel is a less expensive green alternative to expanded PVC or other wood substrate sign board. Please give us a call for pricing.
- **Durability:** Eco Panel is produced using a high quality MDF. The superior surface quality allows for resistance to scratches, stains, water, cleaning products, and other every day uses. Please see the table below for more information.

More than you expect from a printable board!

Physical Properties & Durability:

TESTS FOR RESISTANCE TO:	TEST DESCRIPTION	NEMA MINIMUM PERFORMANCE STANDARD
Wear	A measure of the ability of a decorative surface to maintain the design or color when subjected to prolonged abrasive wear.	100 cycles
Scuff	A measure of the ability of a decorative surface to maintain the original appearance when subjected to prolonged scraping or scuffing	No effect
Stain	A measure of the ability of a decorative surface to resist any discoloration or marring by prolonged contact from 29 common household agents.	No effect
Cleanability	A measure of the ability of a decorative surface to be cleaned following prolonged contact with 15 soiling agents, using a sponge scrubbing device.	25 cycles maximum
Light	A measure of the ability of a decorative surface to retain its color after prolonged exposure to a light source having a frequency range approximating sunlight.	Slight
High Temperature	A measure of the ability of a decorative surface to maintain the color and surface texture when a hot pot of 358 degrees F is placed on it for 20 minutes.	Slight
Radiant Heat	A measure of the ability of a decorative surface to resist any damage when subjected to a radiant heat source under controlled laboratory conditions.	No effect after 30 seconds
Boiling Water	A measure of the ability of a decorative surface to maintain its color and surface texture when subjected to boiling water for a period of 20 minutes.	No effect
Impact	A measure of the ability of a decorative surface to resist fracture due to the impact of a ½ pound steel ball dropped from a measured height.	15" without fracture

For more information, Contact:

Sonoma Graphic Products, Inc.
2227 Capricorn Way, Suite #203
Santa Rosa, CA 95407
Toll Free (800) 250-4252
(707) 571-1177 ♦ Fax (707) 571-1409
<http://www.sgpweb.com>