



PALIGHT® Outdoor

Foamed PVC Sheet for Exterior Signage & Displays



CONSTRUCTION



FABRICATION



SIGN & GRAPHICS



Overview

PALIGHT Outdoor is a versatile, lightweight and durable foamed PVC sheet that is ideal for outdoor signage and display applications. PALIGHT offers an excellent white color and a smooth or wood grain finish.

PALIGHT Outdoor is an ideal alternative to wood due to its light weight and long-lasting durability - it's waterproof and rot resistant. It can be digitally or screen printed to create displays and signs that pop, thanks to its consistent, smooth surface. Sheets can also be easily handled, cut and fabricated using conventional tools and equipment.

palram.com/us

Main Benefits

- Tested and approved by construction professionals
- Consistent, smooth surface, or woodgrain finish
- Available in various thicknesses
- Good insulation, low heat transmission
- Non-toxic, REACH and RoHS Compliant
- Very low flammability (UL 94: V-0)
- High chemical resistance
- Industry-first 25 Year Limited Warranty



Typical Applications

- Exterior signage
- Digital printing
- Screen printing
- Wood replacement
- Modeling
- Exhibit boards
- Custom built displays



Benefits over Wood

Property	Palight Outdoor	Wood
Rot resistant	✓	—
Virtually waterproof	✓	—
Direct contact with masonry	✓	—
Resistant to splitting	✓	—
No pre-drilling required to avoid splitting near edges when nailing	✓	—
Self extinguishing	✓	—
25-Year Limited Warranty	✓	—

PALIGHT Outdoor is well suited for:

- **Advertising** - Exterior signs, displays and trade show exhibits.
- **Digital Printing*** - PALIGHT Outdoor provides a suitable substrate for UV digital flatbed printer when producing signs destined for medium to long-term exterior use. The sheet combines consistent, flat surface with market-leading thickness and UV protection
- **Screen Printing*** - PALIGHT Outdoor's consistent surface makes it ideal for painting or screen printing. It is suitable for use with aqueous and solvent-based inks, and latex paints. PALIGHT's sheet surface has low absorption providing excellent ink yield.
- **Construction** - Models, partitions, wall cladding, exterior decoration, wood replacement, etc. (Note: Palight Outdoor is not intended for use in load-bearing applications.)

*See Fabrication Guide for important details about paint reflectance values.

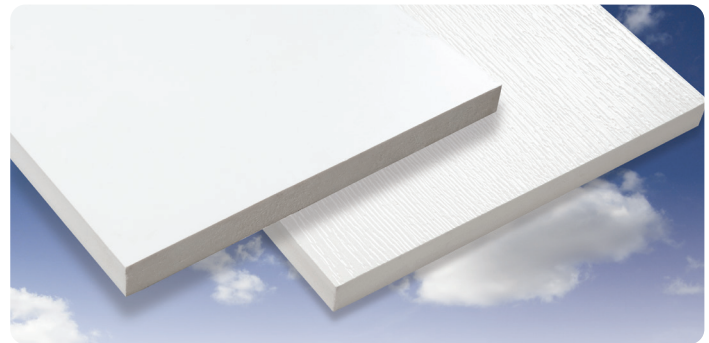
Other PALIGHT Products

- **PALIGHT® Premium** - Optimized for digital and screen printing applications, Palight Premium offers our brightest white point, a smooth, consistent surface, high ink adhesion, and excellent workability using routers, saws or thermoforming equipment.
- **PALIGHT® EPS** - Value-priced Economical Print Substrate for laminating, or display construction applications. Ideal for cost-sensitive or short term use digital and screen printing.

Range of Dimensions and Colors

Specification	Inch	Metric
White	Thickness Range	0.512, 0.75, 1.0, 1.25
	Panel Dimension Range	4' x 8'
		13, 19, 25.4, 32
		1220 x 2440

Important Notes: Other sizes may be available upon request with minimum order quantities. Contact your Palram representative for details.



Protective Masking



Some PALIGHT products are available with protective poly film as an option with minimum order quantities.

Flammability

PALIGHT sheets are considered self-extinguishing and comply with the most demanding international fire resistance standards, as indicated by the results in the table at right.

Standard	Classification*
DIN 4102	B-2
BS 476/7	Class 1
NSP 92501,5	M-1, M-2
UL 94	V-0

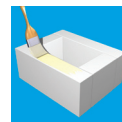
*Depends on thickness, color and type.

Physical Properties

For detailed information on PALIGHT physical properties please visit: www.palram.com/us



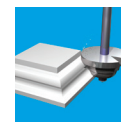
DRILL IT



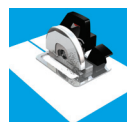
GLUE IT



NAIL IT



ROUTE IT



SAW IT



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Inasmuch as Palram Americas has no control over the use (and/or installation method) to which others may put this material, it does not guarantee that the same results as those described herein will be obtained. Each user of the material should make their own test to determine the suitability of the material for their own particular use. In the event of a warranty claim for product failure, Palram Americas reserves the right to inspect any or all of the sheets involved and the installation site itself while the sheets are still in their original position and have not been removed or moved or altered in any way.
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