

# **PALIGHT®** Outdoor Foamed PVC Sheet for Exterior Signage & Displays













### Overview

www.PalramAmericas.com

### 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 / 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





# PALIGHT® Outdoor

#### **Benefits over Wood**

Property	Palight Outdoor	Wood
Rot resistant	<b>V</b>	_
Virtually waterproof	<b>V</b>	_
Direct contact with masonry	V	_
Resistant to splitting	~	_
No pre-drilling required to avoid splitting near edges when nailing	~	_
Self extinguishing	V	_
25-Year Limited Warranty	V	_

#### 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 (see Fabrication Guide for important info about paint reflectance values). 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.)

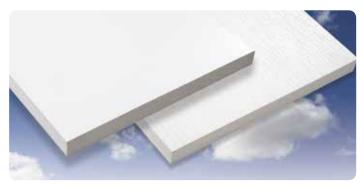
#### **Other PALIGHT Products**

- 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 costsensitive or short term use digital and screen printing.

#### Range of Dimensions and Colors

Spec	cification	Inch	Metric
te	Thickness Range	0.5, 0.75, 1.0, 1.25	12.7, 19, 25.4, 32
White	Panel Dimension Range	4' x 8'	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 on one side as an option with minimum order quantities.

#### **Flammability**

PALIGHT sheets are considered selfextinguishing 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

<sup>\*</sup> Depends on thickness, color and type.

#### **Physical Properties**

For detailed information on PALIGHT physical properties please visit: www.PalramAmericas.com/Palight.























#### PALRAM AMERICAS

9735 Commerce Circle Kutztown, PA, 19530 USA Tel: 800.999.9459 palramamericas@palram.com



