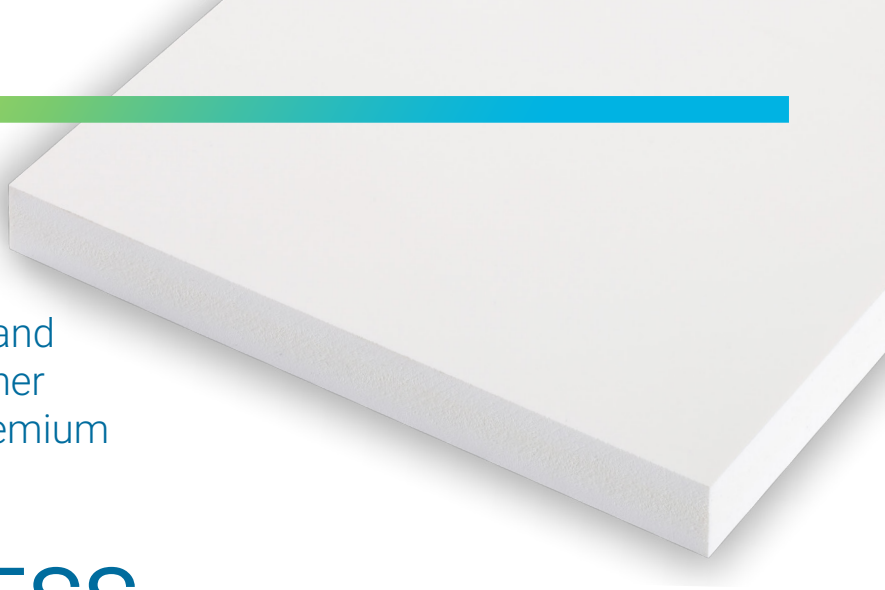
## PALIGHT® Build

Ideal for construction, fabrication, and heavy-duty signage, it brings together durability and workability in one premium sheet.



# HIGH-THICKNESS FOAMED PVC SHEET

- Contains up to 50% recycled plastics
- Chemical Resistant
- Easy to Fabricate
- Lightweight
- Water Resistant
- Eco-Friendly
- Fully Recyclable



PALRAM

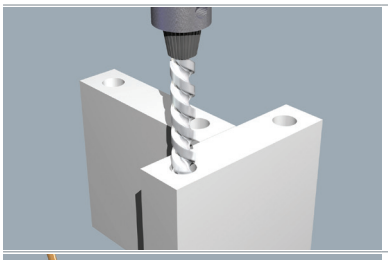
PERSPEX Distribution Ltd

Scan to discover PALIGHT

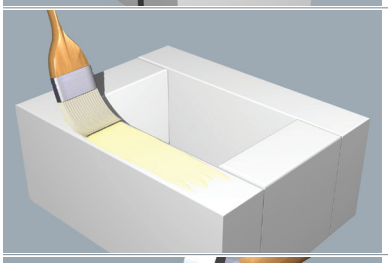
# PALIGHT® Build | High-Thickness Foamed PVC Sheet

PALIGHT® Build delivers the strength and stability needed for demanding structural and fabrication projects. With thicknesses from 12 to 30 mm, it's the smarter, lighter, and more reliable alternative to wood-based panels. PALIGHT® Build resists moisture, chemicals, and warping, ensuring consistent performance and effortless machining, routing, and fastening. Ideal for construction, fabrication, and heavy-duty signage, it brings together durability and workability in one premium sheet.

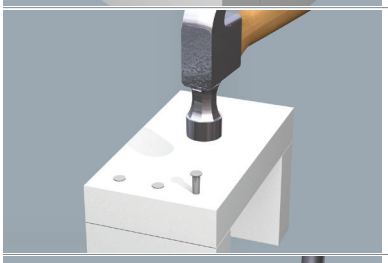
## Processing



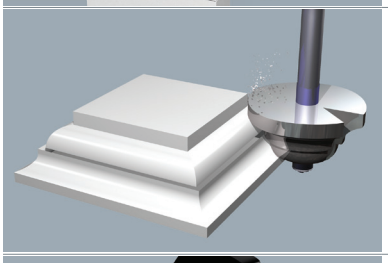
Drill It



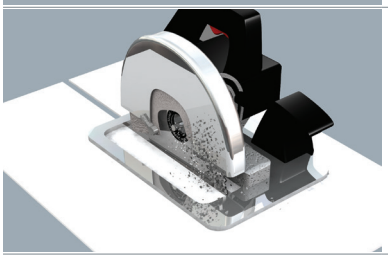
Glue It



Nail It



Route It



Saw It

## Typical Applications

- Carpentry and furniture components
- Lettering & Cut-Outs
- Construction boards and partitions
- Built-up signage and 3D letters
- Shopfitting and interior fixtures
- Exhibition structures
- Wood replacement applications

## Dimensions

| Product | Colour | Thickness | Width x Length |
|---|---|---|---|
| PALIGHT Build | White | 12 mm | 1220X2440<br>1560X3050 |
| | | 15,19,25 mm | 1220X2440 |
| | | 30 mm | 1220X2440<br>1220X3050 |
| | Black | 12 mm | 1220X2440<br>1560X3050<br>2030X3050 |
| | | 13 mm | 1220X2440 |
| | | 15,19 mm | 1220X2440<br>1560X3050 |

## Typical Physical Properties

| Property | Method | Conditions | Units | Value |
|---|---|---|---|---|
| **Physical** | | | | |
| Density | D-792 | | g/cm3 | 0.50-0.55 |
| Water absorption | D-570 | 24 hr @ 23°C | % | <1 |
| **Mechanical – MD** | | | | |
| Flexural modulus | D-790 | | MPa | 1000 |
| Shore hardness | D-790 | | | 40 |
| **Thermal** | | | | |
| Service temperature range | | | °C | -10 to 50 |
| Heat deflection temperature | D-648 | 1.82 MPa load | °C | 55 |
| Linear thermal expansion coefficient | D-696 | | $10^{-5}$/°C | 6.7 |
| Thermal conductivity | C-177 | | W/mk | 0.07 |
| **Electrical** | | | | |
| Surface resistance | D-257 | | Ohm | $>10^{12}$ |

* The properties range includes versions of the PALIGHT product line. Contact your local Palram representative for more information.

PALRAM

PERSPEX Distribution Ltd

Please contact your local Perspex Distribution branch for more information and samples:

| Blackburn | Chelmsford | Leeds | Tamworth | Weybridge |
|---|---|---|---|---|
| 01254 272800 | 01245 232800 | 01134 677800 | 01827 263900 | 01932 356900 |

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RoHS Compliant Heavy Metal Free

ISO 9001 Quality Assurance

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