



# Corelight & Prolight



# Prolight Foam Board

## About Prolight

Prolight is a lightweight rigid foam core panel. Prolight Premium has all of the qualities & advantages of Prolight, with the addition of a 0.18MM textured PVC film adhered to both sides delivering a superior colour and consistent finish.

- Lightweight rigid foam panel
- Solid White & Black
- **Weight:** 2440MM X 1220MM X 16MM - 28kg
- Semi gloss & texture finish

*Although Prolight is a waterproof panel, we do not recommend or warrant Prolight for external cabinet door applications.*

*This applies to product that is painted, laminated or raw. Prolight may bow or twist when used as cabinet doors in an external door application*

## Prolight Foam Core Lightweight Board



Prolight



Prolight Premium



Prolight Black

DESCRIPTION	CODE
2440MM X 1220MM X 6MM	267325
2440MM X 1220MM X 9MM	267320
2440MM X 1220MM X 12MM	267315
2440MM X 1220MM X 16MM	267310
2440MM X 1220MM X 18MM	267300
2440MM X 1220MM X 16MM BLACK	267500
3620MM X 1220MM X 16MM	267335

DESCRIPTION	CODE
2440MM X 1220MM X 16MM PREMIUM	267610
2440MM X 1220MM X 16MM PREMIUM BLACK	267650

**Note:** Prolight Premium has a 0.18MM textured PVC film, adhered to both sides. This delivers a superior colour and consistent finish.

DESCRIPTION	CODE
2440MM X 1220MM X 16MM PVC PANEL LAMINATED WHITE	267150

**Note:** PVC panels laminated both sides with a 0.7MM HPL, bonded with a Phenolic resin.



## Features & Benefits

Corelight & Prolight panels are ideal in wet & damp conditions, making them particularly suitable for marine, caravan, outdoor cabinet & furniture use as well as being perfect for alfresco cabinets & projects.

**CORELIGHT**<sup>NOVER</sup>

**PROLIGHT**<sup>NOVER</sup>



LIGHTWEIGHT / **HIGH QUALITY** / WATERPROOF / **EASY TO HANDLE AND CUT USING CONVENTIONAL TOOLS AND PANEL EQUIPMENT** / EASY TO DRILL, GLUE, NAIL & PAINT\* / **MOISTURE RESISTANT** / CHEMICAL RESISTANT / **MILDEW PROOF** / **CORROSION RESISTANT** / RESISTANT TO INSECT ATTACK / **PERFECT FOR STORAGE** / HARD WEARING

\*For more information, please see the FAQ's on the last page of this brochure.

# Corelight WPC Board

## About Corelight

Corelight Wood, Plastic, Composite (WPC), panel is lightweight, flexible, high-quality, moisture and chemical resistant, easy to handle and cut using conventional tools and panel equipment. The main ingredients of Corelight are: PVC Resin: 66%, Auxiliary: 20%, Wood Powder: 11%, Light Calcium Carbonate: 3%.

- Waterproof wood plastic composite panel
- Brown/MDF colour
- **Weight:** 2440MM X 1220MM X 16MM - 27kg
- Pre-sanded finish
- Easy to nail, drill, shave or glue – suitable for painting

*Although Corelight is a waterproof panel, we do not recommend or warrant Corelight for external cabinet door applications.*

*This applies to product that is painted, laminated or raw. Corelight may bow or twist when used as cabinet doors in an external door application.*

## Corelight WPC Lightweight Board



Corelight



PVC Panel Stainless Steel



PVC Panel Brushed Aluminium

## Applications

- Building partition for office, kitchen, residence, public area, toilet/bathroom etc.
- Cubicle boards, showcase boards, cabinets and partitions
- System furniture, kitchen cabinets, bathroom cabinets, living room cabinets & shoe cabinets
- Can be applied to all furniture kinds such as desks, closets or bedside cupboards
- Modern interior/exterior architectural design
- Interior, exterior boards for DIY furniture
- Anywhere waterproof, moisture proof &/ or weather durable panels are required

DESCRIPTION	CODE
WPC CORELIGHT BOARD 2440 X 1220 X 12MM	267105L
WPC CORELIGHT BOARD 2440 X 1220 X 16MM	267200L
WPC CORELIGHT BOARD 2440 X 1220 X 18MM	267100L
WPC CORELIGHT BOARD 3620 X 1220 X 16MM	267130L

DESCRIPTION	CODE
PVC PANEL BRUSHED ALUMINIUM 3600 X 1200 X 16MM	267152
PVC PANEL BRUSHED ALUMINIUM 3600 X 150 X 16MM	267170
PVC PANEL BRUSHED STAINLESS 3600 X 1200 X 16MM	267180
PVC PANEL BRUSHED STAINLESS 3600 X 150 X 16MM	267182
PVC PANEL MIRROR LAMINATE 3600 X 150 X 16MM	267187

**Note:** All Metallic Laminated PVC Panels have a black HPL back.



# Corelight & Prolight FAQs

## Frequently Asked Questions

### 1. What glue can be used?

A wide range of adhesives work with both products including; solvent based contact adhesives, polyurethane based adhesives, epoxy based adhesives and super glue type adhesives. Plastic welding also works well. Not all types have been tested, so an easy way to determine suitability is to trial a small bond, leave to cure and test for strength.

### 2. Does it need to be under coated (primed) before painting or laminating?

Not necessarily, but the more care that is taken will result in a better bond either with paint or other laminations. A wipe over with a solvent based cleaner then application of a primer is the best option for painting.

### 3. Does the edge need to be sealed?

From a structural or waterproof perspective - no. However, aesthetically it may be desirable to finish with either hot melt edge banding or fill and paint to achieve a superior finish. Both Prolight and Corelight do encounter slight batch colour variations, so please always check for a colour match prior to commencing edge banding.

### 4. Can it be secured with screws/nails, etc?

Yes, all mechanical fixings work very well. Once again we suggest that you trial a sample first to determine suitability.

### 5. Can it be routed/machined the same as normal MDF?

Yes, but feed rate and cutter rotation speeds are lower than for wood based panel products. We recommend that you consult your tooling supplier, as tooling designed specifically for plastics gives superior performance.

### 6. Can you polish the edges?

No.

### 7. Can it be painted or laminated? Does it need to be both sides?

It can be painted and laminated with a very wide variety of paints, laminates, veneers, films etc. Always balance the panel, that is, whatever you do to one side, must be done to the other, or it will bow. Although Corelight/Prolight is a waterproof panel, we do not recommend or warrant Corelight/Prolight for external cabinet door applications. This applies to product that is painted, laminated or raw. Corelight/Prolight may bow or twist when used as cabinet doors in an external door application.

### 8. Can it be left in direct sunlight?

If used for carcasses, yes, provided the carcass is not exposed to direct sunlight for extended periods. If used for doors and end panels it is not recommended due to the possibility of warping /bowing and discoloration, particularly if painted using dark colours.

### 9. Will they burn?

PVC will burn so long as a source of ignition remains. In other words, the sheets will only burn whilst a source of combustion is present. They will not burn on their own.

### 10. Is it Environmentally Friendly?

Corelight contains approx. 11% recycled bamboo, whilst Prolight is virgin material. Both products are 100% recyclable.

### 11. Can it be cut and drilled using normal woodworking machinery?

Yes.

### 12. Can you heat form these products.

Yes, once again however, a trial is recommended.

### 13. Can they be used near a BBQ or other heat source?

Temperatures above 70 degrees will damage both products. The damage will not be reversible. Gas appliances should always be installed in accordance with the appliance manufacturer's recommendations as certified under AS 4557. Corelight/Prolight panels should not be used as a fireplace or BBQ surround.

### 14. Can these products be used as shelving?

Yes, but they will bend under load, so the shelves must be sufficiently supported to prevent this happening. We recommend any shelf span over 600mm is supported at the front and back.'



# LOCATIONS

## NSW

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### **Sydney - Head Office**

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### **Newcastle**

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