

# **Polyboard**

## **GENERAL INSTALLATION GUIDE**

***Polyboard*** is a plastic composite board that can be used as easily as plywood and other wood-based products. It can be sawn, drilled, routed, screwed, nailed, pop-riveted, glued and painted, using regular woodworking tools.

As with most products, ensure that you use safety glasses and tools are in good operating condition. Some may wish to wear gloves and facemasks as an additional safety factor.

Understand the application completely – to name a few:

- Are there extreme temperature changes?
- Does the sheet support weight?
- Does the sheet experience heat on one side only?
- Have you allowed for expansion and contraction?

***Polyboard*** should be acclimated to site temperature for at least 24 hours prior to installation.

Fastening of ***Polyboard*** is best achieved with large head nails, screws or pop-rivets. Screws can be torqued to sink below the surface. Elongated or slotted holes are ideal to help prevent buckling.

When using ***Polyboard*** in a horizontal application, do not exceed a 500-600 pound load carrying weight (not point loading). Supports should be minimum of 12” on centers to reduce deflection.

Allow sufficient spacing for the flexibility and impact resistance of ***Polyboard*** to perform properly. In a 25 degree Fahrenheit change of temperature, allow a minimum gap of ¼” between sheets.

For ease of application, it is recommended two people work with the sheets, especially the thicker panels.

When sawing Polyboard, it is recommended to support the sheet on both sides of the cut for the entire length. This will help prevent binding of the saw blade.