

INSTALLATION

GENERAL INSTRUCTIONS

When you begin planning your building project using Gridworx, keep the following guidelines in mind:

- Gridworx will contract in cold weather and expand in warm weather more than wood lattice. Expect expansion and contraction at approximately 1/16" per foot of lattice with every 100° F change in temperature.
- If the lattice panel is rigidly mounted in cold weather it will bow and become unsightly in warm weather. Be sure to allow a gap between panels for future expansion in warm weather.
- Gridworx use should be limited to decorative and or privacy applications. Under no circumstances should a panel be used by for structural applications, such as a safety barrier on a deck or balcony.
- Gridworx can be painted, please check with your local paint store to what paint best adheres to polypropylene surface. Lattice panels should be thoroughly cleaned and dried before paint is applied.
- Gridworx is used for vertical applications and will sag if mounted horizontally
- Gridworx can be cut with a fine tooth saw blade.

DIRECT MOUNTING

Direct mounting is easy, and for certain applications, the only installation option. When installing your lattice by this method, remember the weight of the lattice should pull from the top. Each lattice panel should be hung from the top every 12" with mounting on the sides and bottom only to keep the lattice in place. This will not only keep the lattice straight, but will reduce the bowing effects of expansion and contraction because of temperature changes. Drill oversized holes that are at least 1/4" in diameter. When directly mounting multiple panels, lay them in a stack and drill oversized holes through several at a time.

Direct mounting gives you the option of using a variety of different fasteners. Brass or zinc plated screws and finishing washers not only provide a sturdy installation, but will also help avoid unsightly corrosion. Never fasten too tightly, allow for movement. See your building center professional for fasteners, they may carry a variety of screws with plastic coated heads in colors similar to that of your lattice.

INDIRECT MOUNTING

Indirect mounting is preferred because it allows the lattice to float within channels, reducing problems with expansion and contraction. It also provides a decorative frame. C & H channels are very impact resistant. Like the lattice, they can be sawed, sanded, and drilled with results superior to wood. C channels are used to cover the edges of lattice panels. H channels, or joiners, are used to join several panels together.

Although the C and H channels are very sturdy, they are not meant to be the sole means of support for the lattice panels. When putting up privacy fence, posts need to be installed wherever two panels are joined together with an H channel. In general, the lattice needs to be secured every 2 feet, whether there is a joint or not. The H channels are mounted to the posts to form a frame for which the lattice panel can be put into. Use the C channels to cap off the tops and bottoms. Take care when pre-drilling the fastener holes on your channels, making sure the holes are spaced so that they will line up with the open half of the diamonds on the panels.