

# Fabrication and Installation Guidelines

## FOR DARK WALNUT AND DARK SEQUOIA COLORS

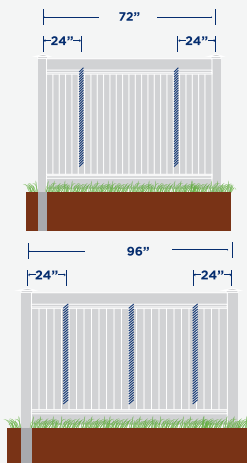
National Vinyl Products is proud of the quality of product we manufacture, and have prepared these guidelines to help installers build high-quality fences.

- Product expansion and contraction is normal with temperature change. Darker colors will absorb more heat and move more than lighter colors.
- U-channel, fixed to the fence posts with at least 3 equally-spaced screws is required to minimize movement in the T&G fence panels.
- Metal stiffeners are required inside the T&G panels. Two stiffeners per 6' section, set 24" in from each post; three for an 8' section, 24" from each post and one in the middle.
- Metal rail stiffeners are required in all pocket rails for the darker darker Timberland colors.
- Notching the rails ensures a tighter fit with the posts.
- To minimize bowing caused by heat or weight, pocket-rail ends inserted into posts should enter at least 1" into each post, and ideally 2".
- Metal stiffeners are required in posts when hanging gates and recommended in high-wind areas to increase wind rating.
- Prior to install, keep product covered and out of direct sun exposure.
- Take caution when installing near reflective surfaces such as windows. Intense sunlight can be reflected on the fence material and permanently damage it.
- Backfilling or placing mulch or dirt against rails may cause material staining and fence bowing.
- Clean with mild soap only - caustic chemicals like turpentine, or paint thinner may permanently damage the materials.



### 6' TALL PRIVACY:

- 6' or 8' on center post spacing
- T&G panel stiffener inside 2 T&G panels per 6' section, spaced 24" from each post: three for an 8' section, 24" from each post and one in the middle.
- Rail stiffener in bottom and top pocket rail required
- U-Channel attached to each post
- Post set in minimum of 24" of concrete



### RANCH RAIL:

- 8' on center post spacing is standard
- 2, 3, and 4 rail styles are available
- Rail stiffeners are required

