

The Effects of Moisture

- The result for the Moisture Absorption for TimberWolf® Fiber Reinforced Composite products is < 2%. This value is considerably lower than wood, which averages 20-35%.

The Effects of Sunlight

- The effect of ultraviolet light on TimberWolf® Fiber Reinforced Composite Fencing causes a natural lightening of the boards to with-in the same color family of the original tone – one or two shades lighter.

The Effects of Fasteners

- FiberTech composite material has a higher pull out strength (509 lbs/in) than that of wood, making it superior for all fasteners.

Fire Rating

- Meets Class B.

Wind Rating

- See Pipe Selector Chart on Page 2 - “Pro Installation Tips”

The Effects of Temperature (coefficient of linear thermal expansion):

- One of the most stable fencing materials available – expands and contracts minimally – slightly more than steel and slightly less than concrete.

Comparison of Thermal Expansion/Contraction between TimberWolf® Fiber Reinforced Composites and other fence materials	
Material	Thermal Expansion (IN/IN/°F)
Wood (Oak)	2.7 X 10⁻⁶
Steel	7.2 X 10⁻⁶
TimberWolf® Fiber Reinforced Composite	7.6 X 10⁻⁶
Concrete	8 X 10⁻⁶
Wood-Flour Composite	16 X 10⁻⁶
PVC	29 X 10⁻⁶

PRO INSTALLATION TIPS

• **General Tips**

- Be sure to follow the instructions provided with the product or available on our website.
- Maintain (transport & store) the fence components on a flat surface to prevent bending and twisting.
- If TimberWolf® Fiber Reinforced Composite Fencing distorts due to improper storage, it can be bent back into shape by applying pressure to re-straighten.
- TimberWolf® cuts like wood...coarse-toothed saw blades will minimize clogging.
- If it becomes necessary to clean TimberWolf® Fiber Reinforced Composite Fencing, use a power washer or, on tougher stains, a mild solution of detergent, such as Tri-Sodium Phosphate (TSP) with a stiff nylon brush.
- TimberWolf® Fiber Reinforced Composite Fencing CAN be painted with high quality exterior primer and top coat. However, it is not recommended to paint, since painting will require regular maintenance, defeating a major benefit of TimberWolf® Fiber Reinforced Composite Fencing and will void the warranty.

• **Tips for Setting Posts**

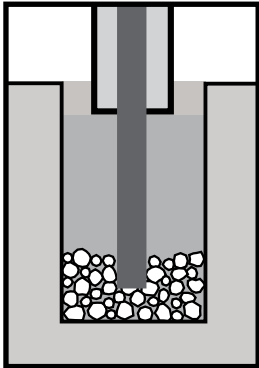
- Maintain a maximum of 72" post center to post center.
- Be sure to use the correct diameter and thickness of steel pipe. Use a 2 3/8" OD x 8' long pipe ONLY for the 3-1/2" x 3-1/2" x 75".

WIND RATING CHART

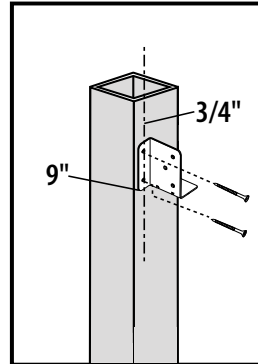
TimberWolf Post	Post Material (Wall Thickness in.)	Wind Rating @ 72" Post Centers for 6 FT Fencelines (MPH)
Pro Series 4" x 4"	2-1/2" Sch 80	135
	2-1/2" Sch 40	125
	2-1/2" Sch 10	100
	2-1/2" Sch 5	85
	2-1/2" 16 ga (.063)	75
	2-1/2" 17 ga (.055)	70

- Confirm the pipe is vertical in both planes.
- Allow sufficient time for concrete to set ~ 24 hours.
- Sleeve the TimberWolf® Composite Post sleeve over the steel pipe, anchor with two tap screws.
- Make certain the footing is designed for the local conditions.

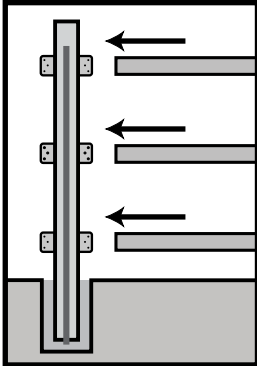
PRO or DIY TimberWolf® Fiber Reinforced Composite Fencing is EASY to Build



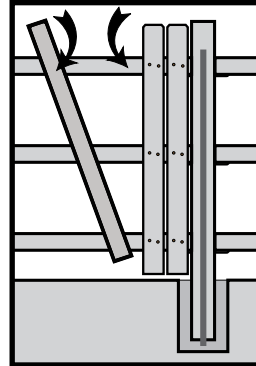
1. Dig Post Holes. Set Post Sleeves and Steel Posts in Concrete.



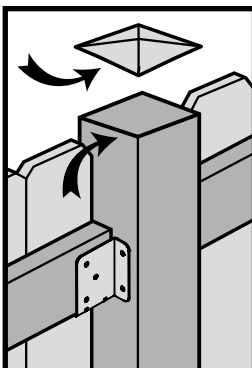
2. Attach Brackets 3/4" from back of posts at 9", 36" and 63" from top of post



3. For each Section, attach 3 Rails to Brackets.



4. Apply TimberWolf® Adhesive to Rails and attach Pickets. Fasten Pickets to rails using screws, nails or staples.



5. Attach Post Caps to Posts

Timberwolf® Fiber Reinforced Composite Fencing is easy to build...on flat terrain, elevations, and for complex designs.