



WOOD COMPOSITE FENCING INSTALLATION INSTRUCTIONS - DOG EARED STYLE - 3.5" X 3.5" X 75" POSTS

TimberWolf® Wood Composite Fencing is Engineered to Last a Lifetime. These installation instructions are for face mount and side mount installation on level ground using either individual components or Special Order 6' x 6' pre-built panels. To ensure that you have the most up-to-date version of the installation instructions, and for alternative styles and post setting methods, please check our website at www.TimberWolfComposites.com

PLEASE NOTE: Because wood-plastic composite materials are non-structural, it is very important to follow these instructions carefully. Following these instructions will ensure proper installation, your warranty is validated, and that TimberWolf® is the last fence your home will ever need.

IMPORTANT INSTALLATION INFORMATION

1. Prior to installation, consult your local building code requirements, determine your desired fence style, and purchase all required materials.
2. Transport and store all fence boards on a flat surface. If boards become bent or twisted, before installation either lay on flat surface and apply weight until straight, or bend back into shape.
3. All composite posts are non-structural and require steel pipes for structural integrity. Always use a 2 3/8" outside diameter steel pipe with a minimum wall thickness of 0.055" (standard galvanized chain link terminal post, or equivalent pipe).
4. The suggested size of post hole for the concrete foundation/footing is based on a soil bearing pressure of 3,000 PSF or more. If the soil is soft, a larger hole/footing will be required to prevent the fence from leaning or ultimately falling over. An indication of the soil bearing pressure is the level of effort required to dig the footing hole. The easier it is to dig the hole, the lower the soil bearing pressure. The frost line in your area should also be considered when determining the proper post hole depth.
5. As with all fence construction, there should be a slight space between backer rail and post or panel and post.

STEP 1. CHOOSE METHOD OF FENCE CONSTRUCTION AND DETERMINE MATERIALS NEEDED

INDIVIDUAL PICKETS, POSTS AND RAILS INSTALLATION

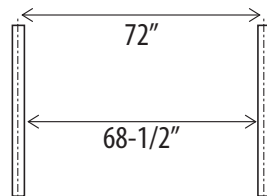
Individual components provide design flexibility, and are ideal for sloped and uneven terrains.

Materials Required for Each 6ft Section:

- 13 Pickets (13.5 for Face Mount) • 3 Rails • 1 Post • Plus 1 Post at fence end
- 1 Fence Accessory Kit OR 3 pairs of Rail Brackets, 1 Post Cap for each Post, TimberWolf® Adhesive
- 25 lbs of gravel • 4 60 lb bags of concrete
- 30 1" coarse-thread, corrosion-resistant pan head screws (Side Mount) OR 12 2" screws* (Face Mount)
- 78 1-5/8" corrosion resistant screws*, nails or staples
- 1 8' length of 2" steel pipe (2 3/8" OD**) • 2 1-1/2" Hex head self tapping screws
- 4 small tacks (optional)

STAKE OUT FENCE LINE

- 1 Stake out your fence line, 72" from post center to post center (68-1/2" apart)



*Phillips II (or equivalent) color coated screws are recommended, and are available in matching colors

**NOTE: Always use a 2 3/8" outside diameter steel pipe with a minimum wall thickness of 0.055" (standard galvanized chain link terminal post, or equivalent pipe).

PRE-BUILT PANELS AND POSTS INSTALLATION

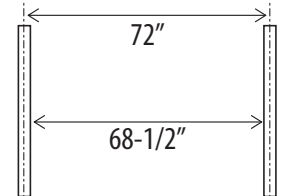
Building with pre-built panels is an even easier way to construct your fence.

Materials Required for Each 6 Running Feet of Fence:

- 1 Panel • 1 Post • Plus 1 Post at fence end
- 1 Fence Accessory Kit OR 3 pairs of Rail Brackets, 1 Post Cap for each Post, and a small amount of TimberWolf® Adhesive
- 25 lbs of gravel • 4 60 lb bags of concrete
- 30 1" coarse-thread, corrosion-resistant pan head screws
- 1 8' length of 2" steel pipe (2 3/8" OD**)
- 2 1-1/2" Hex head self tapping screws • 4 small tacks (optional)

STAKE OUT FENCE LINE

- 1 Stake out your fence line, 72" from post center to post center (68-1/2" apart)



**NOTE: Always use a 2 3/8" outside diameter steel pipe with a minimum wall thickness of 0.055" (standard galvanized chain link terminal post, or equivalent pipe).

STEP 2. SET POSTS USING STEEL PIPES FOR STRUCTURAL INTEGRITY

- 1 Dig post holes 12" diameter by 30" deep, and use 6" of gravel at the bottom.
- 2 Insert 8' steel pipe into the post hole and work approximately 2" into gravel. Fill post hole with concrete stopping 3" below grade, resulting in steel pipe 70" above ground level. Use a level for vertical plumb alignment. Ensure pipes remain plumb while concrete cures for 24 hours.
- 3 De-burr steel pipe. Slide post sleeve over steel pipe until desired height is reached. Use string line between end posts to align post height and ensure front edge of post sleeve is parallel with the fence line.
- 4 Secure post sleeve to steel pipe near base using 2 self-tapping hex head screws. Fill remaining ~3" of hole with dirt, resulting in post sleeve ~72" above ground level.

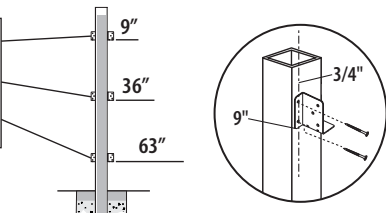
*** See Important Installation Information, Note #4.

STEP 3. INSTALL RAIL BRACKETS FOR SIDE MOUNT STYLE (SKIP THIS STEP FOR FACE MOUNT)

INDIVIDUAL COMPONENT RAIL AND PICKET INSTALLATION

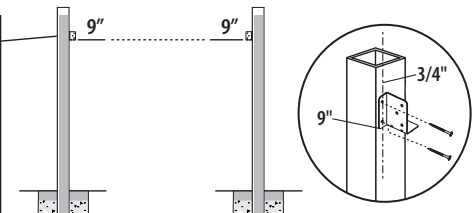
- 1 Left and right rail brackets should be attached to inside of posts, with screw holes positioned at 3/4" from back edge of post. Position the bottom edge of brackets at 9", 36", and 63" from top of post and attach using corrosion-resistant 1" coarse-thread pan head screws. Ensure brackets are vertical and in line with each other.

IMPORTANT: For face mount style no brackets are needed; Proceed to Step 4



PRE-BUILT PANEL INSTALLATION

- 1 Left and right top rail brackets should be attached to inside of posts, with screw holes positioned at 3/4" from back edge of post. Position the bottom edge of first brackets at 9" from top of post and attach using corrosion-resistant 1" coarse-thread pan head screws, ensuring brackets are vertical. After hanging panel (See step 4) middle and bottom brackets will be attached approximately 36" and 63" from post top, in accordance with backer rails of panel.



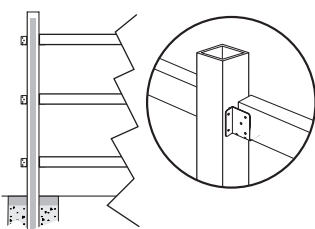
STEP 4. INSTALL RAILS AND PICKETS OR HANG PRE-BUILT PANELS

INDIVIDUAL COMPONENT RAIL AND PICKET INSTALLATION

First Choose Your Method Then Attach Rails and Apply Adhesive

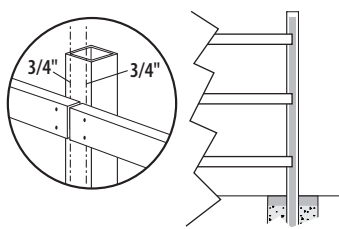
Side Mount

- 1 Trim 72" rails down to 68-1/4" and attach rails to brackets using corrosion-resistant 1" coarse-thread pan head screws. Equally space the rails between posts, allowing slight space between rail and post.



Face Mount

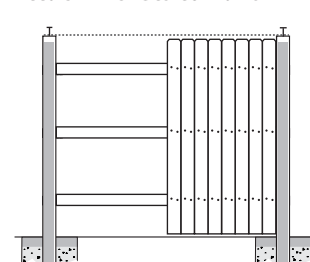
- 1 Screw 72" rails into face of posts, positioning bottom of rails at 9", 36", 63" using 2" corrosion-resistant screws*, with screw holes positioned 3/4" from back edge of post.



- 2 Apply a thin bead of TimberWolf® Adhesive onto each rail and attach picket.

IMPORTANT: TimberWolf® Adhesive MUST be used on all rails before pickets are attached to ensure structural integrity.

Attach Pickets to Rails



- 3 Place picket against rail, lining up so pickets are ~1" off ground, level across the top, and checked for plumb alignment. Evenly space pickets across rail and attach using 1-5/8" corrosion-resistant screws*, nails or staples (2 fasteners each where attached to rail, 6 per picket). For Face Mount you will need 1 extra picket for every 2 sections.

Top View - Side Mount



Top View - Face Mount



PRE-BUILT PANEL INSTALLATION

Hang Pre-Built Panels onto Brackets

- 1 Panels should be attached to top brackets using corrosion-resistant 1" coarse thread pan head screws. Panels should be positioned ~1" below the top of the post and ~1" above ground level.
- 2 Attach middle and bottom brackets to posts and rails, ensuring there is no gap between the rail and the bracket and ensuring brackets are vertical and in line with each other.

STEP 5: ATTACH POST CAPS

Post Cap Option A

Place post caps onto posts and affix with 4 small tacks.

Post Cap Option B

Sparingly apply adhesive to the underside of post caps (1) and affix to the top of each post (2).

Finished Look