

# Vinyl Post & Rail Fence



# **Recommended Tools**

- Safety Glasses
- String Line & Yard Tape Measure
- Power Drill w/ 1/8" bit
- Circular Saw w/ Fine Tooth Blade
- Post Hole Digger & Shovel
- Rubber Mallet

# What's Included

- (?) Rails (2, 3, or 4 avail.)
- (2) Posts (per section)

#### **Options**

- Caps (several styles available)
- Aluminum Gate Brace

Certain Options only avail. on specific Profiles

- These directions are only a guide and may not address every situation.
- Always wear proper safety equipment while assembling and installing.
- The installer should obtain all required building permits and follow all installation procedures in accordance with applicable building code requirements.
- Superior Plastic Products, Inc. shall not be held liable for improper or unsafe installations.
- Applying paint, will void your warranty.
- To ensure proper coverage by our warranty please visit our website and complete the warranty form and mail to: Superior Plastic Products, Inc., 260 Jalyn Drive, New Holland, PA 17557



WARNING: This product can expose you to chemicals including Quartz (crystalline silica), which is known to the State of California to cause cancer, and Hexavalent Chromium, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

#### SuperiorPlasticProducts.com

# **Post Layout**

A string line representing the outside face of each Post; should be laid outlining the fence to be installed, and set at the height of the Bottom Rail (*refer to diag.A*). Determine the length of each section (*typical 8'*). Offset and mark Post center positions from the string line.

Dig 9" diameter holes (4" square post), or 12" diameter holes (5" square post) at each marked position. A proper depth should allow the bottom of the hole to fall beneath the frost line (*recommended 30"*). Bell out bottom of holes to help prevent frost uplift.

Caps should be placed on Posts prior to setting. Secure Caps by tapping them on with a rubber mallet.

To ensure proper Post depth, and section height; align bottom edge of first routed Post hole with string line. Fill the hole with approximately half the recommended concrete, then place the Post. Measure height of Post, and adjust to correctness. Check and adjust level. Fill remaining space around the Post with concrete until approximately 2" remains.

Move on to the next Post, and repeat process. Once all Posts have been installed, double check each Post for correct level and height. Adjust as necessary.

**Note:** Concrete must be allowed to fully cure prior to installing fencing sections. (*Refer to manufacturer recommendations*)

Fence Profile	<b>Bottom Rail Ground Distance</b>
2 Rails	12"
3 Rails	11"
4 Rails	10"

diag. A

# **Gate Install**

When installing a Gate; Aluminum Post Channels (*highlighted*) should be used inside each Post that supports the Gate. Place the Aluminum Channel prior to Installing Rails, and Panels.

As opening sizes can vary; refer to instructions supplied with Gate Hardware to determine the proper opening width for Gate to be installed.





2" Dirt

28" Concrete





Adjust Height & Level







# **Section Assembly**

Fencing Rails come packaged in 8' and 16' lengths. Posts are to be positioned accordingly.

When installing Rails on a straight section; 16' Rails should be used. Slide the top Rail through the first and second Post ending in the third Post. Alternate the next Rail to end in the second Post, and continue alternating for each consecutive Rail. Repeat this process for all Level Posts in a straight line.



When approaching a corner, or on uneven ground; use 8' Rails. Slide one end of the Rail far enough into the Post to allow the opposite end of the Rail to be inserted into the opposing Post.





# **Corner Install**

For corner applications; each of the Rail ends must be angle cut to prevent interference inside the Post. Cut as little as necessary; ensuring that both crimps are not removed in the process (*it is acceptable to remove one crimp if necessary*).





260 Jalyn Drive • New Holland, PA 17557 SuperiorPlasticProducts.com