

Installation Instructions for Citadel and Sentinel Fences

Product Description:

Color Guard® Citadel and Sentinel Fences are manufactured of the highest quality PVC material. They are impervious to rain, snow, dirt, dust and most chemicals. Normal rainfall will remove most accumulated grime, keeping your rail section looking great year round. A mild, non-abrasive, household cleaner may be used if needed.

Caution – Electricity Kills

Please call diggers hot line three working days before you plan to start fencing. They will locate all underground phone, gas and electrical wiring and mark them for you.

Before installation, check local building code requirements. Variations in construction, weather conditions and building code requirements must be determined prior to installation to assure a secure installation.

Tools Required:

Measuring tape	Level	Packing tool (rod)
Phillips screwdriver	String Line	Gravel or Concrete (optional)
Saw with a fine tooth blade	Posthole Digger	PVC Cement (not included)

Layout:

Color Guard® can accommodate most plans. A good layout is essential for both ordering materials and installation. Fence post should be estimated with a 72” opening for 6’ sections. Gates should also be noted on layout. Pull a string to maintain straight lines for long runs of fence. Also, make sure routed openings in posts are in line with desired rail direction.

Post Setting:

A posthole minimum diameter of 8” and a depth of 36” are required. An 8” or 10” auger is recommended to compensate for measuring and setting errors. Posts may be set with soil firmly packed around post, or by partially setting bottom of post in gravel and filling rest with packed soil or concrete. **Set only the first post firmly. Leave remaining posts to set as assembly progresses. If installing a gate start installing from gate.** Do not fill post with concrete.

Installation Procedure:

1. Measure opening between posts, leave 2” extra vinyl on each end to insert into posts, and make cuts. Repeat for remaining section rails.
2. Secure U-channel to posts between rail openings
 - a. U-channel will be centered left to right, and start directly above bottom routed hole.
 - b. Secure using three ½” screws on each.
3. Insert bottom rail into posts. This rail will have the reinforcement inside.
4. Insert pickets into rail, pickets are designed to interlock with one another and side U-channel.
5. Insert top rail, Citadel Fence, or middle rail (routed rail), Sentinel Fence.
6. For Sentinel Fences
 - a. Insert Filler strip into routed portion of rail
 - b. Insert Lattice into filler strip
 - c. Insert top rail into section

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7. Press section posts tightly together to snug all pickets and U-channel, and then set second post.

Finishing Touches:

1. Check that rails are square to posts.
2. Fasten rails to posts using a 2” screw and screw cap 1” from edge of post
 - a. Place screw cap on screw prior to securing to post.
 - b. Screw ties post, rail, and aluminum support together
 - c. Repeat process for all rails, on both sides of every rail for a total of 8 screws per Citadel section, or 12 screws per Sentinel section.
3. Attach post caps using PVC Cement; follow instructions on can.

LIMITED LIFETIME WARRANTY WWW.COLORGUARDRAILING.COM