

## Installation Instructions for Biscayne Fence

### Product Description:

Color Guard® Biscayne 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. If intending to use Biscayne Fence as a pool enclosure please consult local building codes to be sure of compliance.**

### 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:

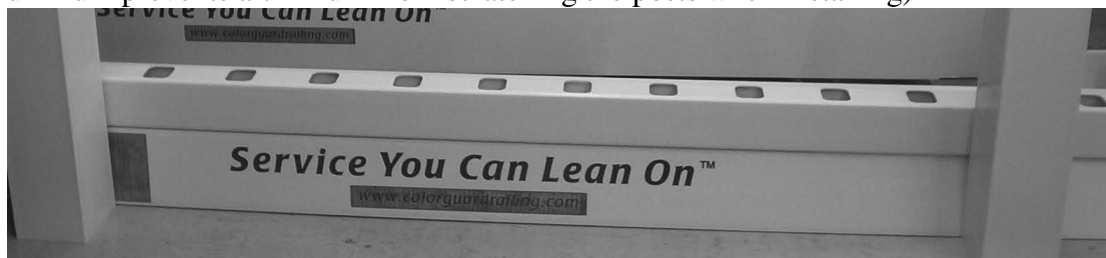
Color Guard® can accommodate most plans. A good layout is essential for both ordering materials and installation. Fence post should be estimated 72" as the space between posts. Gates should also be noted on layout. Pull a string to maintain straight lines for long runs of fence.

### Post Setting:

A posthole minimum diameter of 8" and a depth of 31" 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 posts so that the opening between posts is 72". If installing a gate start installing from gate.** Do not fill post with concrete.

### Installation Procedure:

- For posts closer than 72" inside:
  - Measure opening between posts
  - Mark bottom rail for cuts, taking off equal amounts from each side (**Figure 1**)
  - Leave aluminum in while cutting. (Recommend using a 10" 80 tooth carbide blade and a power miter box)
  - Make 1<sup>st</sup> cut, then slide aluminum 1/4" in from first cut before making 2<sup>nd</sup> cut. (Shortened aluminum prevents aluminum from scratching the posts when installing)



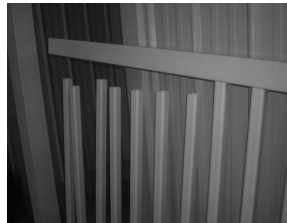
**Figure 1**

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2. Align routed holes on bottom and top rails, mark top rail, and cut to length
3. Place rail brackets on ends of bottom rail (**Figure 2**)
4. Screw rail brackets into posts
  - Apply 4 screws per bracket (**Do not place bracket covers on at this time**)
5. Place pickets in bottom rail



**Figure 2**



**Figure 3**

6. Place brackets on ends of top rail (**Figure 2**)
7. Angle pickets out, starting on one end, insert pickets into top rail (**Figure 3**)
8. Slide rail into position and screw top brackets into posts
9. Repeat from step one until fence is complete.

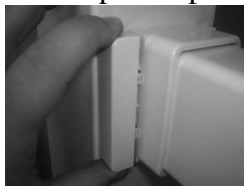
### Finishing Touches:

1. Fasten rails to brackets using #6 x 1" screws and screw caps. Screws are placed in the pre-drilled holes in the rail brackets (**Figure 4**)
2. Repeat process for all rails
  - a. Screws will not be used in the bottom of the bottom rail
  - b. Total of 6 screws per section



**Figure 4**

3. After assembly of section is complete, install bracket covers onto brackets (**Figures 5 & 6**).
  - a. An audible click can be heard and this indicates that the cover has been properly installed. Install 2 covers per bracket.
4. Attach post caps using PVC Cement: follow instructions on can



**Figure 5**



**Figure 6**

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