

**Installation Examples**

- 6 - 6'W railing sections
- 6 - packages of attachment fittings
- 8 - Posts or Columns
- 1 - Gate (optional)

Specification	Steel Rail
Material	Steel Alloy
Spindle	Twisted or 1/2" Square
Open Spacing	<4" or <6"
Rails	1-1/4" Channel
Posts	1-1/4" Square
Finish	Baked Enamel

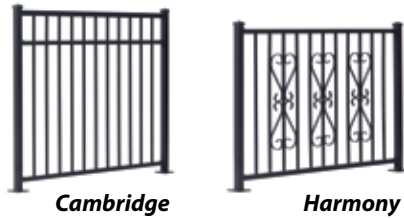
**Limited lifetime warranty**

It is the responsibility of the installer to paint all scratches, abrasions, nicks or other defects after installation and to maintain the finish during the lifetime of the product. We do not warrant against rust or corrosion or against defects in the coating.

**Determining your needs**

After you have measured installation area, use this chart to record items you will need for installation.

Item	Qty.



**Building codes**

Always check local building codes before starting an installation. Compliance with building codes is the installer's responsibility

**For use on steps\***

Slant railing by applying pressure downward and endward to top channel until spindles are parallel to post at top step. Cut channels so ends are parallel to spindles and flush with newel posts or columns.



**Information**

- Railings are coated with a black, baked-on enamel. Mounting hardware, cuts, holes, and scrapes must be painted with rust resistant paint.
- Railing is pre-drilled and ready for installation.



**Fitting Set** - Used to attach Railing to Newel Posts, columns or wall. Adjustable for straight or slanted installations. One package of four required for each rail section.

**Floor/Column Flange** - Use to mount Newel Post or column to wood or concrete. Two required for flat column. Three required for corner column.

**Masonry Anchors** - Use to attach floor/column flanges to concrete. Four anchors per package. (1/4" x 1-3/4")

**Lag Bolts** - Use to attach floor/column flanges to wood. Four bolts per package. (1/4" x 1-1/2")

**Lamb's Tongue** - Beautiful cast aluminum scroll ornament for end Newel Post.

**Rail Support** - Intermediate support; use when railing is wider than four feet.

**Harmony Ornament** - Clamps to spindle for added beauty.

**Newel Post Support** - Attaches to Newel Post for added rigidity and support.

**Gate** - Fits 36" rough opening. Hinges, latch and hardware included. Gate styles built to match railing style.

**Channel** - 4' and 6' lengths. 1-1/4" wide. Use at bottom of Windsor Plus and Salem railing to allow for 36" installed heights and maintain no more than 4" spacing under rail.

**Required for Installation**

Harmony and Cambridge style railing have unique Fitting Sets whereas all other railing utilize the same Fitting Set.



**Always Check The Following Before Starting Any Railing Installation**

- Home owner association (associations may restrict the size and/or style of railing)
- \* Local building codes
- Zoning requirements
- Some building codes require: Porch, balconies or raised floor surfaces more than 30" above the floor or grade, railing must have 4" spindle spacing and be at least 36" in height.

\*Compliance with building codes is the installer's responsibility

**Item**

- 36"W - Windsor Plus Gate - 32"H
- 36"W - Windsor Gate - 32"H
- 36"W - Salem Gate - 32"H
- 36"W - Hampton Gate - 36"H
- 36"W - Cambridge Plus Gate - 36"H
- 36"W - Cambridge Plus Gate - 42"H
- 36"W - Cambridge Gate - 36"H
- 36"W - Cambridge Gate - 42"H
- 36"W - Harmony Gate - 36"H

**Gate Styles**

Newport



Windsor



Oakwood



Selections

Newport 8' Flat & Corner  
Newport 10' Flat & Corner

Windsor 8' Flat & Corner  
Windsor 10' Flat & Corner

Oakwood 8' Flat & Corner  
Oakwood 10' Flat & Corner



Oakwood Bracket (17" x 17")

Steel Columns

Constructed using 1-1/4" Steel Tube

- Most Gilpin Inc steel columns can be shortened, but may compromise load bearing ability.
- \* Working load data can be obtained at [www.gilpininc.com](http://www.gilpininc.com)
- Columns and Flanges sold separately. Corner columns require 3 Flanges, Flat Columns require 2 Flanges.
- Newport columns are 9-1/2" wide. Windsor and Oakwood columns are 10-1/2" wide.

\* Working load data for information only. Gilpin Inc does not warrant or guarantee that any column has the strength indicated or that any column is suitable for any application.

Options for code compliance

Windsor Plus

4" spindle spacing. To achieve 36" height use 42"H Newel Post with Channel above or below the railing panel.

Hampton

- 4" spindle spacing
- 36" installed height
- Railing & Posts sold separately
- 48" Newel Post required



Hampton, Windsor Plus, Windsor, Newport, Oakwood, Salem, Cambridge, Cambridge Plus, Gilpin Inc logo and name are all trademarks or registered trademarks for Gilpin Inc ornamental steel products.



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To review our full line of steel and aluminum products, please request a brochure by phone or through our website.



- .....Pre-drilled and ready for assembly.....
- .....Most styles slants for use on steps.....
- .....Easy do-it-yourself installation.....
- .....Black, baked-on finish.....
- .....Seven styles.....