

# EnduraRail™

1.800.294.1098

## Synthetic Railing System

## Easy Planning Steps

All Kits Include: Top Rail, Bottom Rail, Spindles, Crush Block, Brackets and Screws. Posts and other accessories sold separately.

Endura Rail Kits and Accessories are designed to fit together beautifully and easily creating a complete railing system. Follow these Easy steps in order determine which Endura Rail Kits and Accessories you will need to complete your project. Whether your project is large or small, you will immediately enjoy the benefits of this beautiful and virtually maintenance free system.

### STEP 1: Choose a Color

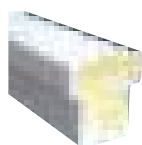


Vibrant White

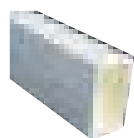


Desert Tan

### STEP 2: Choose a Top Rail Style



Deluxe Top Rail



Flat Top Rail

### STEP 3: Choose a Spindle Style



Colonial Spindle



Square Spindle

### STEP 4: Choose a Bracket Type

Choose appropriate bracket required for your application



Deluxe Straight Bracket  
(Use with Deluxe Top Rail)



Flat Straight Bracket  
(Use with Flat Top Rail or Bottom Rail)



Deluxe Curved Bracket  
(Use with Deluxe Top Rail)



Flat Curved Bracket  
(Use with Flat Top Rail or Bottom Rail)

For Flat Surface Applications

For Round Column Applications



Reversible Flat Sloped Bracket



Deluxe Sloped Upper Step Bracket



Deluxe Sloped Lower Step Bracket

For Stair Applications

### STEP 5: Choose Rail Height & Length(s)

Two Rail Heights are available: 36" and 42".

Four Rail Lengths are available: 6', 8', 10' and 12'.

Three Stair Rail Lengths are available: 6', 8' and 10'.

### STEP 6: Determine Type & Number of Kits Needed

Based on the styles and height you've chosen, calculate how many kits you will need to complete your project.

#### Endura Rail Straight Kits

Product (Deluxe or Flat Hand Rail)	Hand Rail Height	Spindle Style	# Spindles	Bracket Style	Actual Rail Length
6' Rail Kit	36"	Colonial	14	Straight	70 1/2"
6' Rail Kit	36"	Square	13	Straight	72"
6' Rail Kit	36"	Colonial	14	Curved	70 1/2"
6' Rail Kit	36"	Square	13	Curved	72"
6' Rail Kit	42"	Square	13	Straight	72"
6' Rail Kit	42"	Square	13	Curved	72"
8' Rail Kit	36"	Colonial	19	Straight	94 1/8"
8' Rail Kit	36"	Square	17	Straight	96"
8' Rail Kit	36"	Colonial	19	Curved	94 1/8"
8' Rail Kit	36"	Square	17	Curved	96"
8' Rail Kit	42"	Square	17	Straight	96"
8' Rail Kit	42"	Square	17	Curved	96"
10' Rail Kit	36"	Colonial	24	Straight	117 3/4"
10' Rail Kit	36"	Square	22	Straight	120"
10' Rail Kit	36"	Colonial	24	Curved	117 3/4"
10' Rail Kit	36"	Square	22	Curved	120"
10' Rail Kit	42"	Square	22	Straight	120"
10' Rail Kit	42"	Square	22	Curved	120"
12' Rail Kit	36"	Colonial	29	Straight	141"
12' Rail Kit	36"	Square	26	Straight	144"
12' Rail Kit	36"	Colonial	29	Curved	141"
12' Rail Kit	36"	Square	26	Curved	144"
12' Rail Kit	42"	Square	26	Straight	144"
12' Rail Kit	42"	Square	26	Curved	144"

Note: Square Spindles are spaced 4" apart.  
Colonial Spindles are spaced 3 1/8" apart.

#### Endura Rail Stair Kits

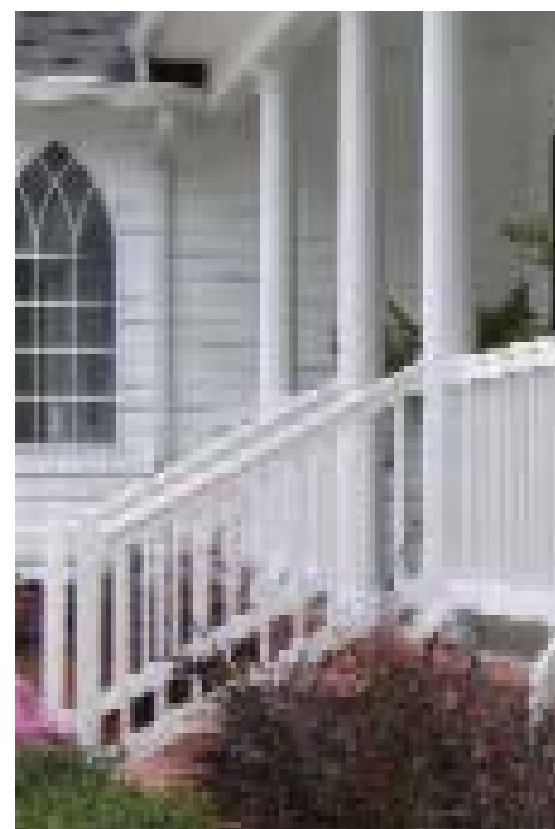
(accommodates 30°-34° angle of slope)

Product (Deluxe or Flat Hand Rail)	Hand Rail	Spindle Style	# Spindles	Bracket Style	Actual Rail Length
6' Rail Kit	36"	Colonial	11	Sloped	78"
6' Rail Kit	36"	Square	11	Sloped	78"
6' Rail Kit	42"	Square	11	Sloped	78"
8' Rail Kit	36"	Colonial	15	Sloped	102"
8' Rail Kit	36"	Square	15	Sloped	102"
8' Rail Kit	42"	Square	15	Sloped	102"
10' Rail Kit	36"	Colonial	19	Sloped	126"
10' Rail Kit	36"	Square	19	Sloped	126"
10' Rail Kit	42"	Square	19	Sloped	126"

Note: Colonial & Square Spindles are spaced 3 1/8" apart.

Note: 10' and 12' Endura Rail Rail Kits should NOT be attached directly to the 4" Complete Post Kit or Post Sleeves. 10' and 12' Rail Kits should ONLY be attached directly to the supporting construction (i.e. support column or wall).

Note: Always check with building code requirements in your area before beginning any project.





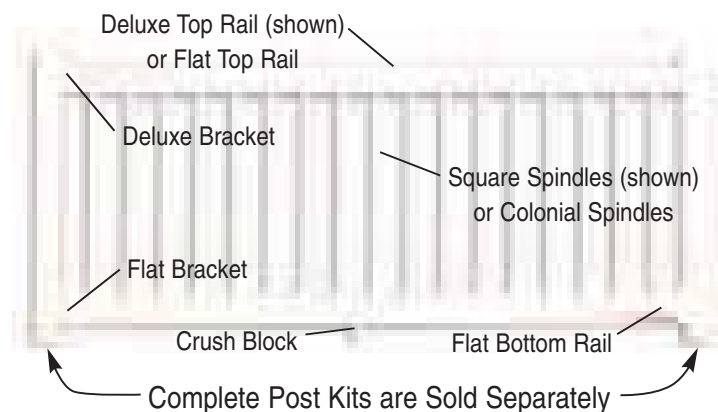
# EnduraRail™

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## Synthetic Railing System

### All Standard Kits Include:

- Top Rail
  - Bottom Rail
  - Spindles
  - Crush Block
  - Brackets
  - Screws
- Posts and other accessories sold separately.



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## STEP 7: Determine Type & Quantity of Posts Needed

Determine how many Posts you will need. These are not included in the prepackaged Endura Rail Kits and must be purchased separately.

### Complete Post Kit

#### Kit Includes:

- Post with structural post mount
- Hardware for wood and masonry applications
- Taper Cap
- Post Kit Base



Outside Dimensions	Available Heights
4" x 4"	38", 44"

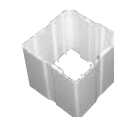
### Post Sleeve

Use as a sleeve over existing structural support.

Outside Dimensions	Inside Dimension	Available Heights
4" x 4"	3 5/8" x 3 5/8"	38", 44", 48", 60", 8', 9'
5" x 5"	4 5/8" x 4 5/8"	38", 44", 8', 9'

### Post Wrap

Use a snap-together Post Wrap to surround existing posts.



Outside Dimensions	Possible Inside Dimensions	Largest Square Post it will Surround	Largest Round Post it will Surround
4"x4"x10'	3 1/4" - 4"	4"	4 1/2"
6"x6"x10'	5 1/8" - 6"	6"	6 1/2"



### Post Wrap Trim Kits

Use snap-together Trim Kits with Post Wraps.

## QuickPost-LTF™

LIFETIME FINISH

QuickPost-LTF	Actual Size	Height
5" x 5"	4 1/4" x 4 1/4"	8'-8"

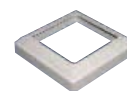
### Porch Post

- Lifetime Finish - Never Needs Painting
- 5" x 5" x 8'-8" (actual size 4 1/4")
- Precise Colonial Detail
- Virtually Maintenance Free
- Mounting Plates & Screws Included
- Load Bearing Capacity: 2,500 lbs.
- Structural Metal Insert

- Can Be Trimmed
- Vibrant White Color - UV Protected
- Limited Lifetime Warranty

### 5" TRIM KIT for QuickPost-LTF sold separately

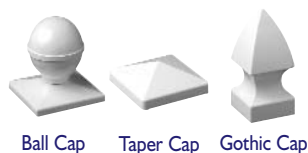
Kit Includes:  
(2) Trim Pieces (top & bottom)



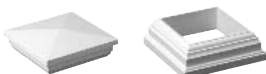
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## STEP 8: Choose Type & Quantity of Post Caps and Bases Needed

Caps and Bases are available in 4" and 5".



Ball Cap Taper Cap Gothic Cap



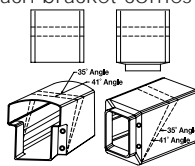
New England Cap New England Base

	Actual Height
4" Ball	4 5/8"
5" Ball	5 13/16"
4" Taper	1 1/8"
5" Taper	1 5/8"
4" Gothic	7 3/4"
5" Gothic	9 11/16"
4" New England Cap	1 11/16"
5" New England Cap	2 1/16"
4" New England Base	1 5/8"
5" New England Base	1 7/8"

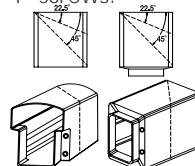
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## STEP 9: Choose Type & Quantity of Multi-Angle Brackets Needed

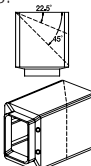
Multi-Angle Brackets are available in the Deluxe and Flat Styles. They can be used for 22.5° and 45° angle applications and also for extended stair slope applications that range from 35° - 41°. **These brackets must be trimmed in the field for the desired applications.** Each bracket comes with (4) 4" screws.



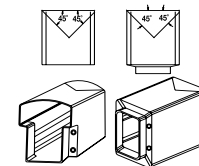
35° - 41° Stair Application



22.5° Angle Application



45° Angle Application



45° Corner Application

Note: It is necessary to have a 5" mounting surface when mounting a 45° bracket that is not a corner mount. (A 5" post sleeve can be used.)