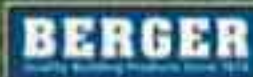




VINYL RAILING SYSTEM

**Safety
Style
Performance**



The Premium Safety Railing System
For balconies, porches, stairs, ramps and decks

The Premium Safety Railing System



Safety

ProDeck™ Vinyl Railing Systems are engineered to exceed the most demanding requirements in the toughest building codes. An exceptionally safe alternative to wood, ProDeck railing assemblies exceed *factored load* requirements, which can be more than 2.5 times the *design loads* applied to wood or metal. Top and bottom rails are reinforced with structural grade galvanized steel (to ATSM A500 grade 50). The result: a safe, sturdy and reliable railing system.

Where accessibility is required, ProDeck Continuous Handrail provides an ergonomic, 1-1/2" diameter secondary gripping surface that meets all ADA and building code requirements for both residential and commercial uses.

With ProDeck™ Vinyl Railing, safety comes first.

Performance

Whether for decks, porches or balconies, you want railings with the same high-performance qualities; long-lasting great looks, minimal upkeep, maximum safety and fast installation. ProDeck™ Vinyl Railing Systems are designed from the ground up to provide you with the most attractive and durable railings... ever.

Choose ProDeck™ for a lifetime of maintenance-free beauty.



Style

Enhance any property with the beauty of ProDeck Vinyl Railing Systems. Choose from our designer T-Rail, our ergonomic Low-Profile Rail, or even our panoramic Glass Panels. Complement your rail with the timeless Classic 1-1/2" square balusters, or choose the distinction of Old World craftsmanship with *turned* Colonial spindles. Available in White, Clay and Sand.

ProDeck™ provides the perfect compliment for balconies, porches, stairs, ramps, and decks.

Railing Options

Get the right look. Choose from these great styles:

T-Rail



Low-Profile



Glass Panels



Available in these three popular colors:

White



Clay



Sand



Complete Kits

ProDeck™ Vinyl Railing is available in pre-packaged kits for easy, accurate ordering and on-site installation. Each kit comes complete with all of the system components between the posts that are needed for standard applications. We package them in just one box for your convenience. All railings are designed for post measurements to be on centers. The actual dimensions of the railings are: 6' kits - 67-13/16", 8' kits - 91-13/16", 10' kits - 120-1/4".

T-RAIL KITS

All kits include: Top & Bottom Rails, Aluminum Top Insert, Required Number of Balusters or Spindles, Connector Screw Pack, Line or Stair Connector Set, Foot Block, and Instructions



Description	White
36" Classic - 6' Line	KB0L6-36T
36" Classic - 8' Line	KB0L8-36T
42" Classic - 6' Line	KB0L6-42T
42" Classic - 8' Line	KB0L8-42T
36" Classic - 6' Stair	KB0S6-36T
36" Classic - 8' Stair	KB0S8-36T



Description	White
30" Colonial - 6' Line	KS0L6-36T
36" Colonial - 8' Line	KS0L8-36T
42" Colonial - 6' Line	KS0L6-42T
42" Colonial - 8' Line	KS0L8-42T
30" Colonial - 6' Stair	KS0S6-36T
36" Colonial - 8' Stair	KS0S8-36T

LOW PROFILE KITS

All kits include: Top & Bottom Rails, Steel Top & Bottom Inserts, Required Number of Balusters or Spindles, Connector Screw Pack, Line or Stair Connector Set, Foot Block (6' & 10' line sections), and Instructions



Description	White	Clay	Sand
36" Classic - 6' Line	KB0L6-36	KB3L6-36	KB5L6-36
36" Classic - 8' Line	KB0L8-36	KB3L8-36	KB5L8-36
36" Classic - 10' Line	KB0L10-36	KB3L10-36	KB5L10-36
42" Classic - 6' Line	KB0L6-42	KB3L6-42	KB5L6-42
42" Classic - 8' Line	KB0L8-42	KB3L8-42	KB5L8-42
42" Classic - 10' Line	KB0L10-42	KB3L10-42	KB5L10-42
36" Classic - 6' Stair	KB0S6-36	KB3S6-36	KB5S6-36
36" Classic - 8' Stair	KB0S8-36	KB3S8-36	KB5S8-36



Description	White	Clay	Sand
36" Colonial - 6' Line	KS0L6-36	KS3L6-36	KS5L6-36
36" Colonial - 8' Line	KS0L8-36	KS3L8-36	KS5L8-36
36" Colonial - 10' Line	KS0L10-36	KS3L10-36	KS5L10-36
42" Colonial - 6' Line	KS0L6-42	KS3L6-42	KS5L6-42
42" Colonial - 8' Line	KS0L8-42	KS3L8-42	KS5L8-42
42" Colonial - 10' Line	KS0L10-42	KS3L10-42	KS5L10-42
36" Colonial - 6' Stair	KS0S6-36	KS3S6-36	KS5S6-36
36" Colonial - 8' Stair	KS0S8-36	KS3S8-36	KS5S8-36

Components and Accessories

GLASS PANELS

- 1/4" clear tempered glass
- Tested to meet Building Codes



6' Line Rails for Glass Panel
R0LP16



Tempered Glass Panel
PCL1636

Description	36" High	42" High
Tempered Glass Panel for 6' Line Rail	PCL1636	PCL1642

Description	White	Clay	Sand
6' Line Rails for Glass Panel Actual length 67-13/16"	R0LP16	R0LP16	R5LP16

Install Posts on 6' centers - Requires 36" or 42" Glass Panel

POSTS

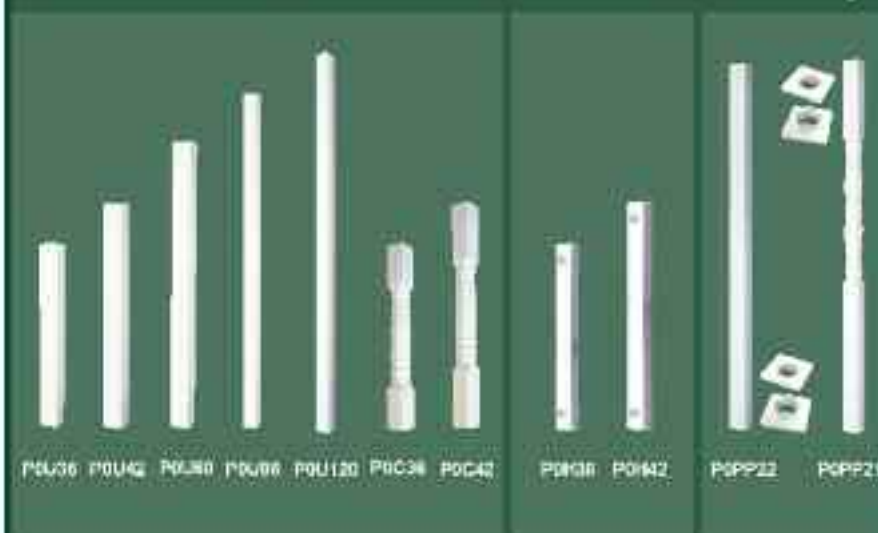
- 4" x 4" Universal Post sleeves available in 5 heights
- 4" x 4" Colonial Newel Posts available in 2 heights

- All 36" & 42" posts - actual length 39" & 45"
- 5" x 5" load bearing Colonial Porch Post (7400lb capacity)

Classic Post Sleeves / Colonial Newel Posts

Sidewall Mount

Load-Bearing



Description	White	Clay	Sand
Classic Post Sleeves			
36" Universal Post	P0U36	P3U36	P5U36
42" Universal Post	P0U42	P3U42	P5U42
60" Universal Post	P0U60		
96" Universal Post	P0U96		
120" Universal Post	P0U120	P3U120	P5U120
Colonial Newel Posts			
36" Colonial Post	P0C36		
42" Colonial Post	P0C42		
Sidewall Mount			
36" Universal Half Post	P0H36	P3H36	P5H36
42" Universal Half Post	P0H42	P3H42	P5H42
Load Bearing			
108" Classic Porch Post (loadbearing) with uplift plates	P0PP22	P3PP22	P5PP22
108" Colonial Porch Post (loadbearing) with uplift plates	P0PP21	P3PP21	P5PP21

POST WRAPS

- Virtually seamless two-piece pointed design
- Includes (2) two-piece post trim and screws



Description	White	Clay	Sand
4" x 4" x 106" Post Wrap	POW14R	P3W14R	P5W14R
6" x 6" x 108" Post Wrap	POW16R	P3W16R	P5W16R

ProDeck™ Vinyl Post Wraps create the easiest solution for covering unsightly posts. This two-piece 108" post wrap connects easily to cover existing old wooden porch posts. It includes trim and fasteners. Available in all three ProDeck colors.

POST CAPS AND TRIM

- Universal Post Trim fits 4" x 4" and 5" x 5" posts



Description	White	Clay	Sand
Universal Post Trim	P0PT1U	P3PT1U	P5PT1U
4" x 4" One Piece Trim	R0PTF2	R3PTF2	R5PTF2
5" x 5" Porch Post Trim	R0PPF1		
4" x 4" Square Cap	P0C14	P3C14	P5C14
4" x 4" New England Cap	P0C24	P3C24	P5C24
4" x 4" Ball Cap	P0C34	P3C34	P5C34
4" x 4" Solar Lighted Cap	P0C44		



VINYL RAILING SYSTEM

CONNECTORS

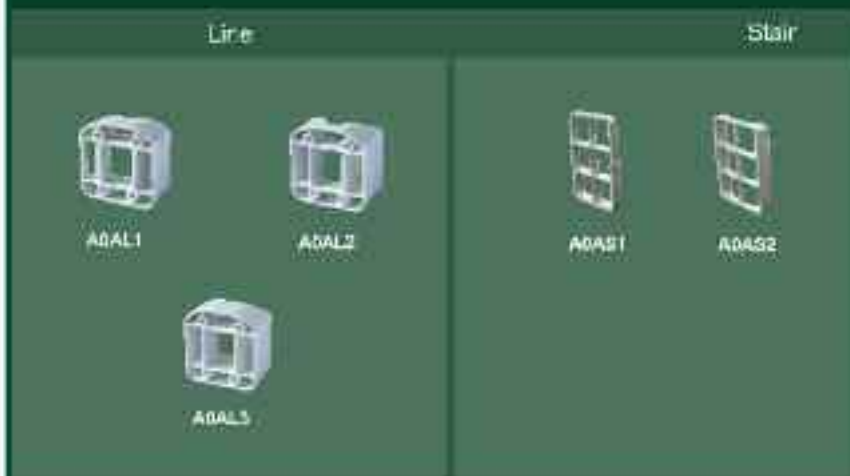
- 1 Connector set is included in railing kits. Extra connectors are required if cutting a rail off in two sections.



Description	White	Clay	Sand
Line Connectors (set of 4)	R3WB2	R3WB2	R3WB2
T-Rail Line Connectors (set of 4)	R3CL14		
Stair Connectors (set of 4)	A3CS2	A3CS2	A3CS2
T-Rail Stair Connectors (set of 4)	R3CS14		

ADAPTERS

- Not use on regular post angle applications.



Description	White	Clay	Sand
Line Adapters			
22.5" Line Adapters (set of 4)	A3AL1	A3AL1	A3AL1
T-Rail 22.5" Line Adapters (set of 4)	R3AL14		
45" Line Adapters (set of 2)	A3AL2	A3AL2	A3AL2
Round Line Adapters (set of 2)	A3AL3	A3AL3	A3AL3
T-Rail Round Line Adapters (set of 2)	R3AL13		
Stair Adapters			
3" Stair Adapters (set of 4)	A3AS1	A3AS1	A3AS1
Round Stair Connectors (set of 2)	A3AS2	A3AS2	A3AS2
T-Rail Round Stair Connectors (set of 2)	R3AS13		

POST ANCHOR KITS (see code compliance chart)

- Anchoring systems for wood and concrete surfaces
- Aluminum and Galvanized steel anchors



Description	Aluminum	Steel
Light Duty		
Aluminum Post Anchor Only (post only, hardware not included)	P3SP1	
Aluminum Post Anchor Kit (wood mount)	KP3SP1W	
Aluminum Post Anchor Kit (concrete mount)	KP3SP1C	
Heavy Duty		
Steel Post Anchor Only (post only, hardware not included)		P3SP4
Steel Post Anchor Kit (wood mount)		KP3SP4W
Steel Post Anchor Kit (concrete mount)		KP3SP4C

GATE KITS

- Pre-assembled for 36" opening, 36" high
- Includes hinges, latches and all fasteners



Description	White	Clay	Sand
36" Classic Baluster Gate Kit	KG3B136	KG3B136	KG3B136
36" Colonial Spindle Gate Kit	KG3S136	KG3S136	KG3S136

Rail Components (sold separately)

ProDeck™ Vinyl Railing is also available in bulk packaging. Line and Stair rail pair, bulk 40-packs of Classic "square" balusters or Colonial "turned" spindles for line or stair rail sections, and connector sets may be purchased separately for customers who prefer to package their own kits. These items are only offered in white. See our product catalog for complete listing.

Continuous Handrail

CONTINUOUS HANDRAIL

- Meets all Building Code and ADA' requirements
- 1 Line Bracket required for every 6 feet of handrail

	Description	White	Clay	Sand
	1-1/2" ø x 104" Reinforced Handrail	R3H15		
	5° Elbow	R3HE5		
	32° Elbow	R3HE32		
	36° Elbow	R3HE36		
	Inside Corner	R3HC		
	P Loop	R3HPL		
	90° Return	R3HR90		
	Outside Corner	R3HOC		
	Line Bracket	R3HLB		
	Inside Corner Bracket	R3HIB		
	End Caps (Pair)	R3HC		
	Mounting Block	R3HMB		
	Adjustable Connector	R3HAC		
	Line Connector	R3HLC		



- Meets all ADA' and building code requirements
- Provides accessibility to ramps, stairwells and staircases
- For use in residential and commercial applications
- Maintenance Free
- Guaranteed for Life



Reinforced Handrail



Outside Corner



Elbows



90° Return



Inside Corner



Inside Corner Bracket



Line Bracket



P Loop



Line Connector



Adjustable Connector



End Caps



Mounting Block

Building Code Compliance

ESR-1738

ICC-ES (International Code Council - Evaluation Service, Inc.)* has issued report # ESR-1738, confirming that ProDeck guardrail assemblies meet the most up-to-date and rigorous requirements for code compliance in North America. This product evaluation is based on the latest test criteria for vinyl railings, AC-174.

Architects, specifiers, builders, contractors and inspectors can confidently accept ProDeck™ Vinyl Railing Systems in applications requiring code compliant guardrails.

Assembly Code Compliance Chart

The chart below identifies ProDeck assemblies that can be installed where Guardrails are required by the building codes listed.

Structural Anchor	Rail System	36" Rail Height		42" Rail Height	
		Colonial Spindle	Classic Baluster	Colonial Spindle	Classic Baluster
Fixed Points: e.g. - 4"x 4" wood posts, masonry piers or walls	6' Line	Guardrail 5	Guardrail 1,2,3,4,5,6,7	Railing	Guardrail 1,2,3,4,5,6,7
	8' Line	Guardrail 5	Guardrail 1,2,3,4,5,6,7	Railing	Guardrail 1,2,3,4,5,6,7
	10' Line	Guardrail 5	Guardrail 1,2,3,4,5,6,7	Railing	Guardrail 1,2,3,4,5,6,7
P0SP4 Steel Anchor on concrete	6' Line	Guardrail 5	Guardrail 1,2,3,4,5,6,7	Railing	Guardrail 1,2,3,4,5,6,7
	8' Line	Guardrail 5	Guardrail 1,2,3,4,5,6,7	Railing	Guardrail 1,2,3,4,5,6,7
	10' Line	Railing	Railing	Railing	Railing
P0SP4 Steel Anchor on wood or composite deck	Any Length	Railing	Railing	Railing	Railing
P0SP1 Aluminum Anchor on any surface	Any Length	Railing	Railing	Railing	Railing

Notes

Building Code met by railing assembly configurations in above table:

1. BOCA - National Building Code 1989 (NBC) 4. ICC - International Building Code 2000 (IBC)
2. SBCCI - Standard Building Code 1989 (SBC) 5. NBC - National Building Code of Canada 1997 (NBCC)
3. CBC - Uniform Building Code 1997 (UBC)

Evaluation & Certification

6. ICC-ES - Evaluation Report ESR-1738 (<http://www.icc-es.org/essr1738.pdf>)
7. Wack-Henry Certification (<http://www.wackhenry.com/WackHenry/ES/ESR1738/Products/ES1738Search.htm>)
Enter "Guardrails" in "Search Word" box and click "Search" button.

Definitions

Guardrail: A system of building components located near the open sides of elevated walking surfaces for the purpose of minimizing the possibility of an accidental fall from the walking surface to the lower level.

Note: Most building codes require 42" top rail height for Guardrails.

Exception: 36" high guardrails are allowed on single-family dwellings with entrances on the height of the walking surface. Refer to local building codes.

Railing: A decorative barrier consisting of horizontal rails and supports.



*What is ICC-ES?

ICC-ES is the consolidated operations of the National Evaluation Service, Inc. (NES); BOCA Evaluation Services, ICBO Evaluation Service, Inc.; and SBCCI Public Service Testing and Evaluation Services, Inc. Through these legacy evaluation services, ICC-ES has a history of more than seventy years. ICC-ES is working to develop and implement outreach programs involving the entire building community, to ensure that ICC-ES reports enjoy acceptance equal to or better than that previously accorded evaluation reports of the legacy evaluation services.

Planning a Project

Check with local building authorities for selection of railing materials and compliance with codes and specific requirements in each application.

Important: Check actual lengths of rail pairs before locating and installing posts (see "Components and Accessories" chart).

Easy to Install

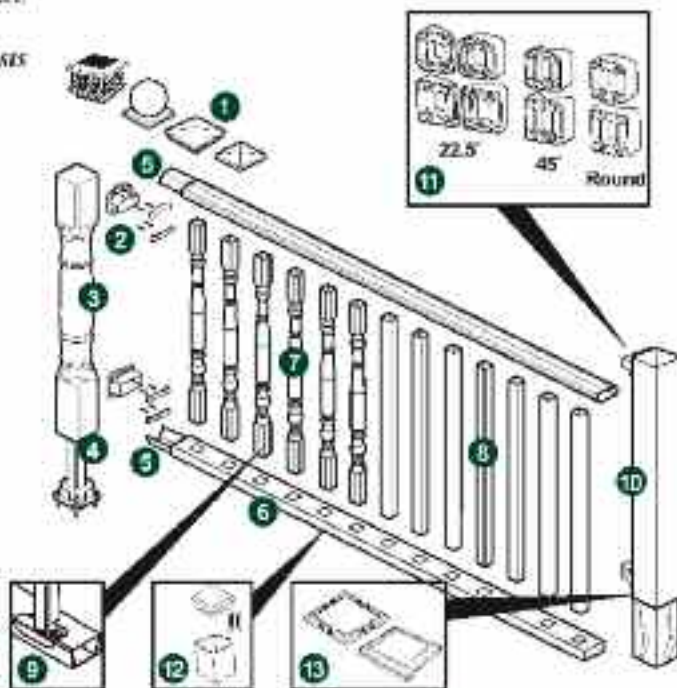
Assembling and installing ProDeck™ Vinyl Railing Systems is easier than working with wood. Use standard tools for cutting, drilling and mounting components. ProDeck's patented Tab-Lock™ feature holds section assemblies together for fast installations.

Tools Required

- Safety Glasses
- Work Gloves
- 45° Level
- Chalk Line
- Carpenter's Square
- Measuring Tape
- 1/2", 3/4" Size Drill Bits
- Rubber Mallet
- Hammer
- W" Socket Set
- Open Wrench Set
- Screwdriver Set
- Vice Grips
- Hand Saw
- Pencil
- Circular Saw
- Drill Bit Set
- Flat File
- 5" Masonry Drill Bits
- Compound Miter Saw with metal blade

1. Required for Post Anchor installations on concrete
 2. Required for Continuous Handrail installations
 Note: Titanium drill bits recommended for drilling steel

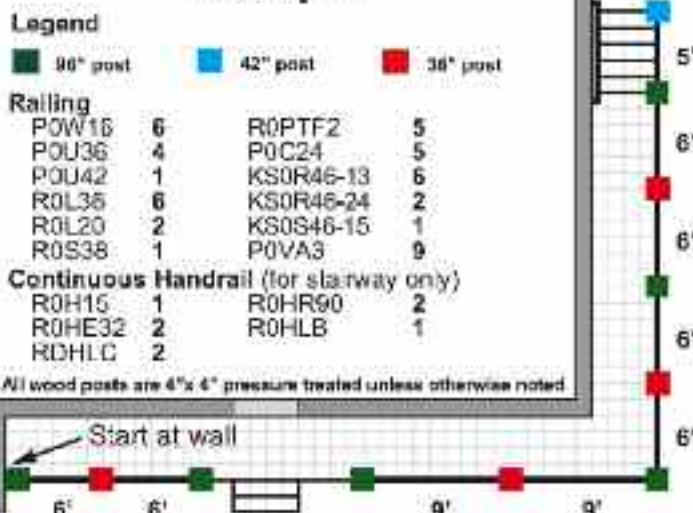
- | | | | |
|-------------------------------|----------------------------------|---|--------------|
| 1 Post Caps | 6 Structural Steel Reinforcement | 9 Tab-Lock™ Feature | 13 Post Trim |
| 2 Concealed Hardware | 7 Pre-Routed Rails | 10 4"x 4" Classic Post Sleeve | |
| 3 4"x 4" Colonial Post Sleeve | 8 Colonial Spindles | 11 Adapters | |
| 4 Steel Post Anchor | 9 Classic Balusters | 12 Support Leg for 8' and 10' Line Rail | |



Getting Started

1. Measure perimeter of desired railing outline.
2. Draw a plan (top view) to scale using graph paper and add dimensions (see Example).
3. Position posts to utilize available rail lengths: 6', 8' (on post centers); 10' (full length).
Tip: If the length of a single run exceeds available rail lengths, position additional posts to break the run into appropriate segments.
4. Create a list of materials required (see Example)

Example



ProDeck™ Vinyl Railing Systems Limited Lifetime Warranty*

*For complete terms and conditions of ProDeck Vinyl Railing Systems Limited Lifetime Warranty and answers to product installation questions, call, fax or email us or visit our website.



Berger Building Products, Inc.
 805 Pennsylvania Boulevard, Feasterville, PA 19053

800-523-8852 • 215-355-1200 • Fax: 215-355-7738
 info@bergerbuildingproducts.com • www.bergerbuildingproducts.com

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