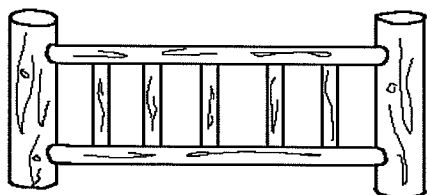




PO Box 16
 State Hwy 173
 Mather, WI 54641
 800-657-4666
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WHITE CEDAR LOG RAILINGS

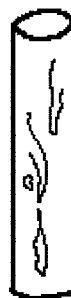


Easy to install, easy to maintain, resistant to decay, white cedar log railings are the perfect accent to your home. Made from northern white cedar for long lasting durability and strength, these high quality log railings are ideally suited for exterior and interior applications. Railing sections are shipped **pre-assembled** ready for installation. Individual pieces may also be ordered.

Specifics: A typical rail section consists of two support posts, an upper and lower rail with spindles located 7 inches on center. Posts, rails, and spindles have a hand peeled appearance so diameter varies slightly, giving your log railing a rustic look. Cedar naturally develops checks and cracks which is an unavoidable process.

Support posts are 5 – 6 inches in diameter, with a beveled top. Support posts are available with two different base styles to fit your mounting needs. 1. A flush mount allows a surface mount on top of your floor or deck. 2. A shoulder cut allows half the post to rest on your deck or loft floor, with an 8 inch overlap for a secure fit to the joist.

Rails are 3 ½ to 4 ¼ inches in diameter. Pre-assembled rail sections will have spindles already installed. Spindles are 2 to 2 ¾ inches in diameter.



Flush
Mount



Shoulder Cut

Support posts of a completed log rail section are 40 inches tall with an approximate rail height of 37-38 inches tall. **Commercial Height Railings** are also available.

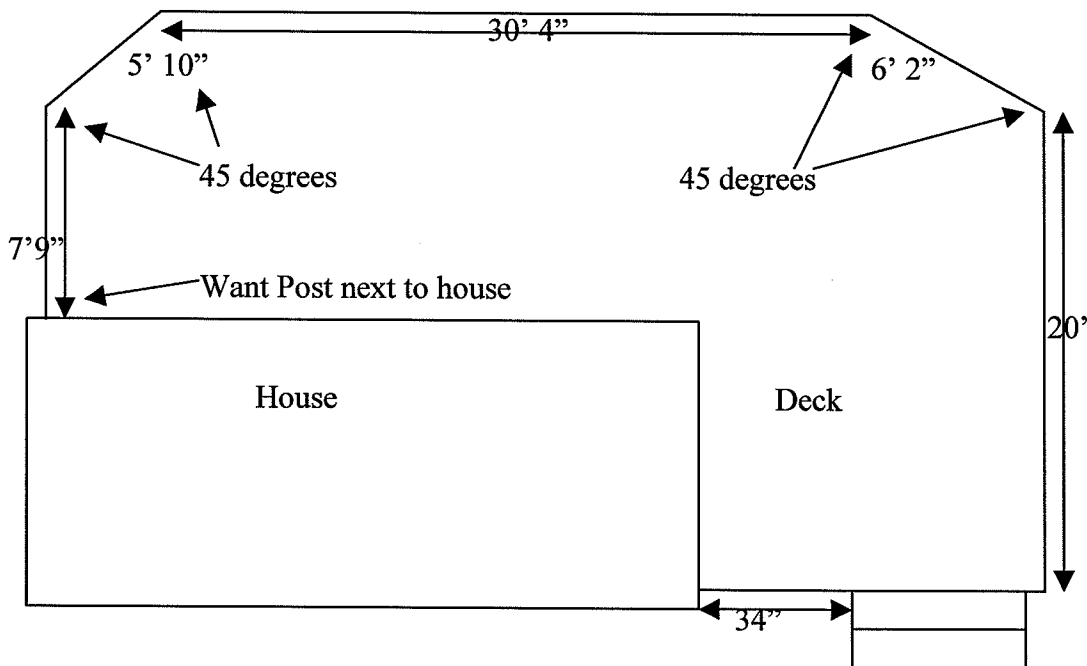
Railings may not span more than 10 feet without support posts.

Ordering: Exact measurements are needed when ordering your custom log railing. The same person who will complete the installation should also take the measurements. For horizontal rails please provide a **neat, clear, bird's eye view** drawing of the area that needs railing. The drawing does not need to be to scale.

Follow these steps carefully!

1. Draw your deck, porch, or loft as viewed from above with measurements clearly indicated on the drawing.
2. Measure from corner to corner if we are providing support posts. **Note:** If there are existing posts please indicate their position on your drawing with this symbol \otimes and provide exact measurements between all existing posts.
3. All angles other than 90 degrees must be written on your drawing.
4. If your railing meets a wall, please indicate if you want a post near the wall, or if you will be attaching your railing into the wall.
5. Choose your support post base (either flush mount or shoulder cut) and write your choice on your sketch.
6. Return your sketch to your lumberyard so your order can be faxed. Make sure your name, address, and phone number are on your sketch and the name of the lumberyard.

Example of Birds Eye View Sketch for Ordering Railing



Stair Railings: Stairs must be installed before measurements for log railings can be made. Choose the stair style that best fits your home from the three examples listed.

Please indicate:

1. Whether the railing will be on one side of the stairs or both.
2. What type of support post base (flush mount or shoulder cut) you want your posts to be? A flush mount will be mounted on top of a stair tread. A shoulder cut post will mean the support post will extend 8 inches down onto the side of your stairs on the stringer.
3. All measurements including the total rise and run of your staircase, and the rise and run of an individual tread.

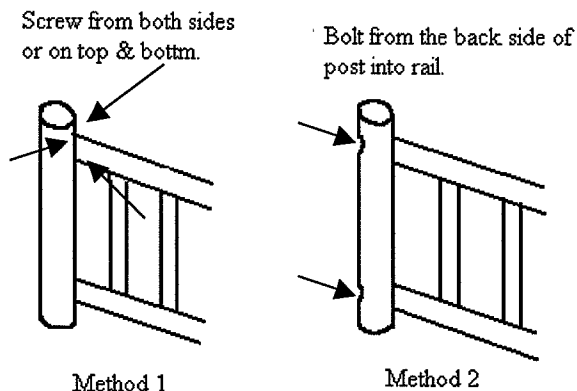
(ask to see "Required Stair Information" sheet if one is not included with this brochure)

Assembly and Installation:

It is strongly recommended that you leave the bands on your completed rail sections until after they are fastened to the support posts. Read and follow any special instructions that may arrive with your railing order. If room permits, we recommend laying each section out in advance with the support posts in between.

Start by attaching a support post at one end of your project, slowly working your way across. If you ordered a flush mount support post, you have two options for securing it. One method is to lag screw up through the deck from underneath. The other option is to purchase a newel post connector from your local hardware store and follow the directions included for securing your posts. A newel post connector is needed if you do not have access underneath the surface you are mounting your post to.

Decide what height you want your railing to be and measure down on each post the same distance. Some installers will cope the edge of the top and bottom rail slightly to follow the curvature of the support post for a cleaner fit. Whether you cope the rails or leave them square, attach rail sections to the support posts by screwing from the top and bottom or both sides if you prefer. (See sketch, method 1 or photo)



You may also lag bolt from the back of the post as shown for end posts. (Method 2) Continue working your way across your deck or loft until complete.

Stairs: Stair rail sections are left long to allow some finish trimming on site. Because the stair rail sections are banded tight, the angle of your stair railing may be compressed. Sometimes the angle changes during shipping. You may need to remove the bands from the stair rail sections before installing. Adjust the rail sections to the proper angle and use rope or bungee cords to hold the rails together while marking for trimming and during installation.

Staining and Finishing: Your rails will arrive unfinished. For exterior applications we recommend a good quality exterior stain. Do not use a polyurethane or varnish on exterior railings as the elements may cause peeling and blistering to occur. Interior railing can be finished with polyurethane, stain or varnish. Always check and follow manufacturer's recommendations on the container before proceeding.