



# Pipe (Secondary) Handrail Instructions

Residential installation only. Commercial applications may differ.  
 Always check with local building codes prior to purchasing and installing this product.  
 Edges may be sharp after cutting. File the edge for a good fit and finish.  
 Wheelchair ramps ADA/Compliance may require special applications (Check local building codes)  
 These instructions will provide an installed handrail height of 36".



Internal Splice  
PHRS



Handrail Bracket  
PHRB



90° Handrail Bracket  
PHRB90



End Cap  
PHRC



90° Return  
PHRMR90



Handrail Extension  
PHRE32, PHRE35,  
PHRE6



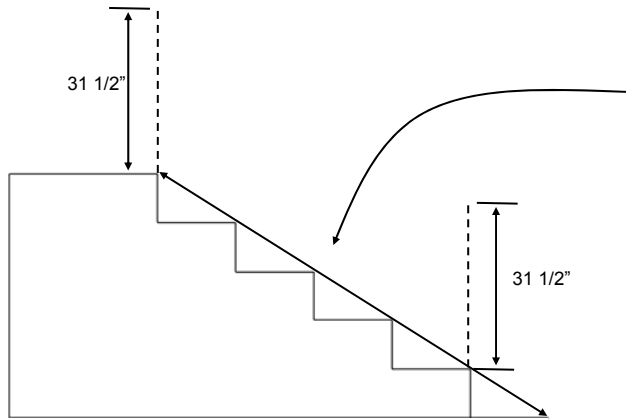
Pipe Handrail  
PHR6, PHR8



180° Return  
PHRR180



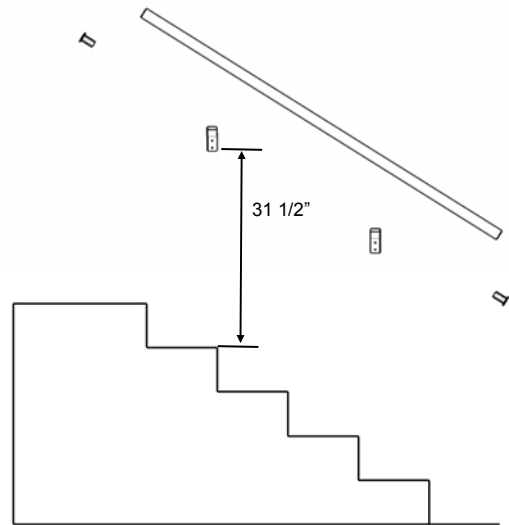
90° Return  
PHRE90



Measure from the nose of the top step diagonally to the bottom landing as shown. This measurement is the amount of pipe needed for a straight run of handrail. Cut handrail to length. If longer than 8', two pieces of pipe will need to be spliced together.

Measure up 31 1/2" vertically from several stair nosings and mark on wall.

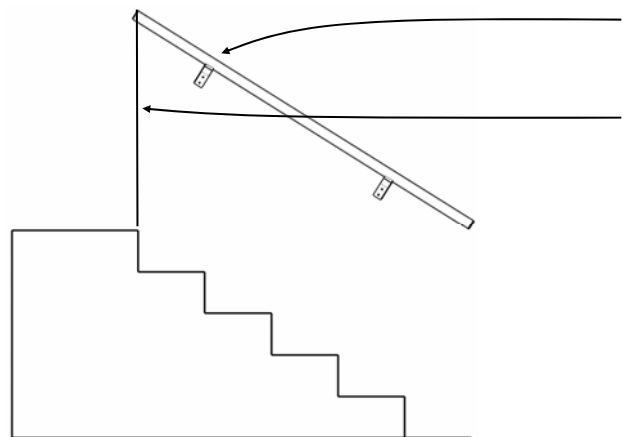
These marks will become the height of the bottom screw hole of the handrail bracket (PHRB).



Along the line intersecting the marks on the wall, locate or install a stud or suitable backing and install the handrail brackets using one screw. If installing into wood, use the supplied 2 #12 x 2" wood screws.

Handrail brackets need to be installed within 12" of the ends of the handrail and no longer than 48" between brackets.

Check your local building code for bracket spacing.



Rotate handrail brackets in direction of the slope and lift previously cut handrail onto brackets.

Align top of handrail with top stair nosing and place onto handrail brackets. Secure handrail to upper and lower brackets with the supplied 2 #10 x 3/4" tek screws.

Install the remaining 2 #12 x 2" wood screws through second hole of the bracket into the wall.

Note: For attachment into wood studs or blocking, install handrail brackets 12" from end of rail and a maximum 48" apart. An additional handrail bracket may be required.

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