



MESHGUARD SCREENING SYSTEM

PRODUCT OVERVIEW

MeshGuard is an innovative solution to eliminate the need for pickets, balusters or cable rail below a porch handrail. The result is a wide-open, unobstructed view to the outdoors.

Installation is simple for both the DIY homeowner and professional but it's important to follow all the instructions carefully for a proper, code-compliant solution.

In order for the MeshGuard system to meet code, the following conditions must exist for final inspection:

- ✓ Your infill openings below the rail are no larger than 6-ft x 3-ft.
- ✓ Usage of all required MeshGuard system components without substitutions (photo below).
- ✓ The building inspector is able to see the matching orange indicators on the spline and screen to validate usage of all proper components.
- ✓ Porch framing is constructed of high quality lumber with minimal knots and no splits.



BEFORE



AFTER



MeshGuard has been approved by the International Code Council Evaluation Service (ICC-ES) and the report can be found on our website:

<https://www.screentight.com/pdf/ESR-3938.pdf>



Use MeshGuard with the original Screen Tight cap available in multiple colors to create a seamless appearance above and below the rail.





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INSTALLATION INSTRUCTIONS



WARNING

Failure to follow all instructions may result in product failure, property damage, serious bodily injury, and/or death. *Installer and purchaser must ensure that product is installed according these instructions and purchaser must not alter, modify or substitute any component of the MeshGuard system.*
Please make sure to identify all parts as Mesh Guard code compliant before installing.

TOOLS & SUPPLIES



Drill with 5/32" Drill Bit



Snips or Shears



Rollerknife



Chop Saw or Hand Saw



Rubber Mallet



1 MeshGuard can be installed on the exterior of an existing railing system. If you are installing on an existing porch, start with removing the screens and existing pickets.



2 Measure the outer perimeter areas and inner horizontal to make precise cuts of the MeshGuard base. Do the same for the steel strip which fits into the center channel of the base.



3 Cut the PVC base and steel strip according to your measurements. The galvanized steel strips can be cut with a chop saw or hand saw. The base can be cut with snips or shears.



4 Once all cuts have been made, install the galvanized steel inside the MeshGuard base and begin laying out the framework around the perimeter.



5 Install fasteners within 2 inches of each end and in every pre-punched hole. Pre-punched holes of the base may not match up with the holes of the steel strip. Drill additional holes as needed.



6 After the base and strip have been secured to the porch, spread the MeshGuard screen across the each 6x3-foot opening below the handrail.



7 To roll screen into place, use the MeshGuard flat spline and a Screen Tight Rollerknife to begin the process. The rounded, orange edge of the spline goes down into the base.



8 If rolled correctly, the orange edge of spline will not be visible. Cut away any excess screen with a Rollerknife or a utility blade.



9 Use a rubber mallet to snap the Screen Tight cap on to the MeshGuard base. If you are using the original Screen Tight above the rail, the same cap installs over both systems to create a seamless appearance.



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Project installation videos and resources available at [ScreenTight.com/MeshGuard](https://www.screentight.com/MeshGuard)

