



Wire Mesh RailGuard Platform Systems - Material Specifications

- Wire Mesh Infill** (As Indicated on Quote)
 - **Standard:** #10 W&M Gauge (0.130 in.), bright basic wire welded into a 2" x 2" square mesh.
 - **Heavy-Duty:** #6 W&M Gauge (0.192 in.), bright basic wire welded into a 2" x 2" square mesh.
 - **Optional:** #10 W&M Gauge (0.130 in.), triple crimped bright basic wire woven into 1-1/2" diamond mesh.
 - Other mesh and material types available, upon request
 - Panels:** Standard panel sizes are in one foot increments up to 8 feet in length. Panels are 3 feet in height. Horizontal and vertical frame members constructed from 1-1/4" x 1-1/4" x 1/8" hot rolled angle, with 1-1/4" x 3/8" slotted holes punched every 12 inches on center (O.C.). Vertical frame members are notched and welded to horizontal angle at corner seams. Wire mesh is securely welded to frame. Wire mesh position in angle frame may vary slightly.
 - Panel stiffener bar:** 1/4" x 3/4" thick hot rolled flat stock, center located and tack welded to wire mesh and horizontal frames on panels. Used only on 10-gauge wire mesh materials and panels greater than 5 feet long in any direction.
 - Posts:** 14-Gauge 2" x 2" square tube with a series of 7/16" diameter holes drilled on all four sides to accept hardware to connect panels and gates. Standard posts, 42 inches high, are drilled with first hole at 10" above the finished floor and spaced every 12" O.C. leaving a 4" space below the panels and doors. Tube is welded, offset to one corner of a 4" x 4" x 1/4" steel flat base plate on standard posts. Base plate is punched to accept three 3/8" diameter anchors. Other base plate sizes are available upon request, or if quoted.
 - Kick plate (if quoted):** Two, 12-Gauge 2" x 1-1/4" X 1-1/4" roll formed channel punched with 3/8" holes every 12" O.C. Growth plates bolt two high directly to the panel above and may need to be cut to length in the field.
 - Hinged Gates (if quoted):** Single and bi-parting hinged gates are both available. Constructed of the same materials as panels. Complete with all necessary mounting hardware to install and operate. Single gates include two 3" x 3" butt hinges, and bi-parting gates include two 3" x 3" butt hinges per door half. Gates include a 1-1/2" bolt on slam angle, reversible for gates that swing in or away from the platform edge. Slam angle is punched to accommodate padlock hasp.
 - Padlock Arrangement: 1-1/4" lug bolts directly to post for single hinge gates or to door half without slam angle for bi-parting gates.
 - Spring Hinges (if quoted): 3" x 3" spring hinges are also available to provide self closure.
- *** **Important Note:** open gates do not protect the open edge of the platform. Please consult the applicable codes and standards to ensure that fall protection requirements (not included in this quote) are added, as required. ***
- Wall Connections (if quoted):** 1-1/2" steel angle clips, punched to allow for anchoring to wall and attachment to posts using self-tapping screws.
 - Hardware:** 5/16" carriage bolts and flanged hex nuts for all panel and door to post/rail/plate connections. 7/16" black plastic dome plugs are provided for any unused holes in the posts. Erector is responsible for the method of

attachment appropriate for the decking or platform material to ensure material meets all building codes and applicable standards.

9. **Field Bracing:** Materials to stabilize the system are not provided, ***and are the responsibility of the erector***, unless specifically called out in your quotation.
10. **Finish (*per quote*):** Two stage phosphate wash with a standard powder coat finish of Beast Black or optional SpaceGuard Gray. Manufacturer also offers Pure Orange, Zinc Yellow, Signal Blue, Carmine Red, Leaf Green, and Signal White for an upcharge. Custom colors and color matches are also available for an additional charge. Aerosol touch-up is provided with each shipment. Hot dip galvanizing is also available for an additional upcharge.
11. **Disclaimer:** This specification is subject to change. To ensure you have the latest update, please refer to www.SpaceGuardProducts.com. Or, for more information, please contact the manufacturer at (812) 523-3044 or sales@spaceguardproducts.com.