

SECTION 05 52 17  
SAFETY RAILINGS

PART 1 GENERAL

1.1 SUMMARY: Section includes passive safety railing fall protection systems.

A. Non-penetrating railing system for roof edge fall protection:

1.



- d. Top Rail Height: 42 inches.
- e. Mid-Rail Height: 20 inches.
- f. Toe Board: Integrated welded steel.
- g. Finish: Powder coated high visibility yellow.
- h. Base with Rail Posts and Pins: base mount.

B. RailGuard 200: Customizable, non-penetrating safety guardrail system with weighted base.

- 1. Description:
  - a. Standard rail section 16 gauge welded steel.
  - b. Rails: 1.625 inch (41.275 mm) O.D. 16 gage wall HREW tubing.
  - c. Length: (3048 mm)].
  - d. Height: 42 inches (1067 mm).
  - e. Mid-rail: 20 inches (508 mm).
  - f. Finish:
- 2. Gate System; 1-5/8 inch (41 mm) O.D. by 0.120 inch (2.7 mm) wall HREW tubing.
  - a. Length:
  - b. Height: 42 inches (1067 mm).
  - c. Mid-rail: 20 inches (508 mm).
  - d. Finish:
  - e.

and pinned to the base toe board brackets.

- C. RailGuard 200 Fit-Rite Safety Rail: Configurable and customizable safety guardrail system
  - 1. Description
    - a. Rails: Nominal 1.25 inch (1.25 inch diameter) schedule 40 galvanized steel pipe.
    - b. Length: Shipped in 21 foot (1524 mm) sections for fitting on-site.
    - c. Height: 42 inches (1067 mm).
    - d. Mid-rail: 20 inches (508 mm).
    - e. Finish:
  - 2. Stanchions
    - a. Kit: [Straight] [Curved] [Inclined] stanchion kit.
    - b. Finish:
  - 3. Rail Fittings: Provide in configurations and quantity for a complete custom layout.
  - 4. Base Style
    - b. Four adhesive pads with directional non-skid resistant ridge pattern and minimum 28 sq. inches (180 sq.cm) of substrate contact each: shall be adhered to the bottom of base plate to resist slippage on hard surfaces.
  - 5. Gate System; Self-closing adjustable gate
    - a. Width:
    - b. Finish:
- D. TurboRail System: No-tool clamp and stanchion rail system that accommodates variable roof conditions and railing material options.
  - 1. Description:

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E. [

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F.

### 3.4 PROTECTION

A. Protect installed products until completion of project.

B.