

TremSafe Guardrail A.S.

Non-Penetrating Guard Rail System

FEATURES

- More pleasing sightlines
- No drilling necessary to install
- No intermediate counterweights required
- Custom engineering/manufacturing available for special applications
- Curved, inclined and straight stanchions available
- Deemed OSHA compliant by an independent accredited engineering firm
- Optional EPDM rubber pads and BUR pads available for added roof surface protection
- Compliant with all relevant OSHA regulations.



DESCRIPTION

The TremSafe Guardrail A.S. is a passive fall protection system that allows workers complete access to a leading edge while still being protected by the guardrail. It combines a non-penetrating guardrail system with architectural appeal for applications where railing appearance is important. Rail sections are constructed of 1.25" SCH 40 galvanized pipe. The rails secure to 96 pound cast iron bases that have four ports, allowing the rails to be placed in infinite positions. When the bases are installed in a run with a 90 degree return on each end, the combined mass and geometry of the installation creates an OSHA compliant barrier for roof edge protection. The TremSafe Guardrail A.S. requires no penetration to the roof surface when installed.

BASIC USES

The TremSafe Guardrail A.S. is ideal for new building construction, adding fall protection to an existing building, or as an addition to existing guardrails. The system has a pleasing sightline and can enhance the appearance of a building while maintaining the utmost in fall protection.

OPTIONS

Surface Protection Pads:
EDPM Rubber Pads and Bur Pads available.

INDEPENDENT TEST RESULTS

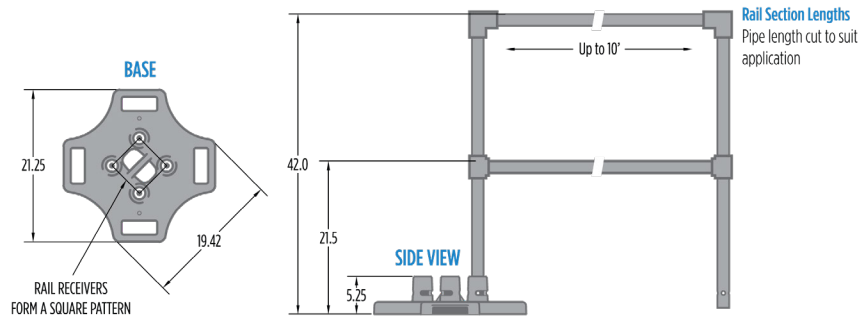
Load Testing available on request



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MINIMUM REQUIREMENTS

In order to meet OSHA regulations for all protection, outriggers must be utilized (returns/ counter weights). Whether the Danger Side Run is 5' or 1000' in length, you must have these in place at the beginning and at the end of the run. Outriggers are standard rail kits that are connected at approximately 90 degrees to the Danger Side Run of each end rail section.



EDGE PROTECTION

PROVIDE FREESTANDING FALL PROTECTION SYSTEM ON ROOF TOPS

Approved product: TremSafe Guardrail A.S.

Standards: System shall have top and mid rail in accordance with OSHA Standards

Structural Load: 200lb (90.7 kg), minimum, in any direction to all components in accordance with OSHA Regulations

Height: 42 inches (1067 mm), minimum

Railings: 1.25" SLH40 galvanized pipe

Mounting Bases: Class 30 gray iron material cast with four receiver posts. Base weight 96 lb, 48 lbs per square foot. Rubber pads on base bottoms

Receiver Posts: Shall have a positive locking system into slots that allow rails to be mounted in any direction. Friction locking systems are not allowed. Receiver posts shall have drain holes.

Hardware: Securing pins shall be 1010 carbon steel, zinc plated and chromate dipped. Pins shall consist of collared pin and lanyard that connects to lynch pin.

Finishes: Available in standard Hot-Dip Galvanized. Custom colors available.



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