



SPECIFICATION SHEET

ROOFGUARD ROOFTOP GUARDRAIL

RoofGuard Rooftop Guardrail is a modular, non-penetrating system designed to prevent falls from rooftops or elevated surfaces. Its counter-weighted design requires no drilling, welding, or bolting, making it easy to install and reconfigure for various applications. RoofGuard meets or exceeds OHSA, ANSI, and provide specific safety standards. Professional engineers and fall protection specialists are available to assist with custom designs.

FEATURES

Modular Design: Easily assembled and reconfigured for various rooftop layouts.

Non-Penetrating: No drilling, welding, or bolting required.

Counter-Weighted: Baseplates provide stability without damaging the roof.

Compliance: Meets or exceeds all regulation safety standards.

Customizable: Professional engineering support available for unique applications.

ROOFTOP GUARDRAIL

Freestanding counterweighted rooftop guardrail system.

SPECIFICATIONS

Material & Dimensions

Railing & Posts	Ø1-1/2" (Ø1.9 OD) Schedule 40 Aluminum Pipe 6061-T6 – 0.97lbs/ft
Fittings	Ø1-1/2" (Ø1.9 OD) Aluminum Magnesium
Hardware	All stainless steel
End Caps	Plastic inserts
Baseplates	Galvanized Steel – 40lbs/ea
Rubber Pad	14" x 20" x .125" Masticated Rubber
Finish	Mill finished (standard); powder coating available

Layout & Installation

Top Rail Height	42in
Mid Rail Spacing	20in (center to center)
Post Spacing	CAL/WA OSHA: 8ft MAX; Other states: 9ft MAX
Tiebacks	Required at ends and every 3 rail spaces.
Edge Protection	Tiebacks within 6ft of roof edge must be converted to edge protection
Baseplate Requirement	Masticated rubber pad required under all baseplates
No Parapet	Railings must be 18in from the edge if no parapet is present
Compliance	Meets/exceeds CAL/WA OSHA, OSHA, & ANSI standards
Product Warranty	5 years
Kit Options	Rooftop Guardrails are available in standard kit sizes to meet specific spacing requirements. Custom kits can also be created in larger increments to suit unique project needs.

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