

The Wall Mount Guardrail provides permanent full-perimeter fall protection with a unique design that allows water-tight installation using a dual plate mounting system. The dual plate mounting system allows roof flashing to be installed over the base plate and creates a compression seal around mounting studs when the upright plate is attached.



- Backup plate with mounting studs is attached to the wall through the wall flashing.
- Mounting studs are caulked with non-curing butyl or roof manufacturers approved sealant.
- Target patch is applied over mounting plate.
- Upright is bolted to backup plate creating a compression water-tight seal around mounting studs.

- Horizontal rails attach to upright with hex drive flange head bolts.
- Installs to the inside parapet wall to reduce street level visibility.
- Hot-Dipped Galvanized finish for a maintenance free installation



## KEY FEATURES

- Full perimeter fall protection
- Designed for permanent applications
- Attachment not visible from the ground
- Backup plates for water-tight installation
- Mounts to inside of parapet walls
- No cutting or welding
- Easy to install
- Ideal for new construction or retro-fit
- Made in the USA
- Meets and exceeds:

OSHA 29 CFR 1926.501

OSHA 29 CFR 1926.502

OSHA 29 CFR 1910.29

Cal-OSHA §1620

Cal-OSHA §1621

Cal-OSHA §3209

Cal-OSHA §3212

ICC Building Codes

ANSI/ASEE A1264.1-2007

USACE EM 385-1-1 (21.E.01 a-c)

**Product Name:** Wall Mount Guardrail

**Product Description:** Wall Mount Guardrail provides permanent full-perimeter fall protection, allowing direct mounting to interior parapet walls using a dual plate mounting system that assures water-tight installation. Backup plates, target patches, and upright plates creates a compression attachment to prevent water infiltration around mounting studs.

**Applications:** The Wall Mount Guardrail provides perimeter fall protection for low-slope roofs requiring attachment to the inside of parapet walls.

**Installation:** Wall Mount Guardrail allows water-tight installation through wall flashings on both new and existing parapet walls with the use of backup plates, target patches and wall mount brackets. Target patches are field fabricated to fit around backup plate mounting studs and large enough to allow roof manufacturers recommended seam width around perimeter of target patch. Mounting studs are sealed behind target patch with non-curing butyl or manufacturers recommended sealant.

**Materials:**

**Uprights:** 1.25" schedule 40 steel pipe (ASTM A53) - 1.66" O.D. x .140" wall

**Mounting Bracket:** 3/16" steel plate (ASTM A36) bracket with pre-punched holes for mounting stud attachment.

**Horizontal Rails:** 1.625" x .065" and 1.375" x .065" (ASTM C1008/1010) steel tube adjustable slide rails.

**Finish:** Powder Coated Steel or Hot-Dipped Galvanized to ASTM A123.

**Colors:** Numerous colors to match Kynar® sheet metal, building components and RAL colors.

**Hardware:** 3/8"-16 x 1" zinc plated steel. (*Consult LES for approved structural attachment fasteners*)

**Labels:** Applicable safety warnings and manufacturer's contact information.

**Sizes:** Uprights: Custom designed per project to OSHA Standards and IBC code requirements.

Horizontal Rails: 8'0" o.c.; 120" to 70", 70" to 43", 43" to 29" Adjustable

Corners: 20.5" o.c. Outside Corner; 12.5" o.c. Inside Corner

**Weight:** Uprights: 18 lbs +/-

Horizontal Rails: 1 lbs/lf +/-

Corners: 2 lbs +/-

**Standards:** Meets and exceeds OSHA Standard 29 CFR 1926.501, 1926.502, 1910.29, Cal-OSHA §1620, §1621, §3209, §3210, ICC Building Codes, ANSI/ASCE A1264.1-2007, and USACE EM 385-1-1 (21.E.01 a-c)

**Warranty:** 1 year manufacturer's limited warranty covering manufacturing defects.

**Country of Origin:** United States of America

AutoCAD details and specifications available at [www.LeadingEdgeSafety.net](http://www.LeadingEdgeSafety.net)