

# SPECIFICATION DATA

## Wall Mount Guardrail

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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. PRS Wall Mount Guardrail are available in powder coat colors to match Kynar® sheet metal or other building components and RAL colors.

### Key Features

- Full perimeter protection
- Designed for permanent applications
- Attachment not visible from the ground
- Backup plates for water-tight installation
- Mounts to inside of parapet walls
- Easy to install-No cutting *or* welding
- Ideal for new construction *or* retro-fit
- Compliant; see below

### Applications

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

### Installation

The 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.  
 Hardware 3/8"-16 x 1" zinc plated fasteners.

### Sizes

Uprights Custom designed to OSHA standards  
 Horizontal Rails 8'-0 o.c.; 120" to 170", 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 / lineal foot +/-  
 Corners 2 LBS +/-

### Standards

Meets and exceeds OSHA standard CFR 29 1910.501, 29 1910.502, 20.1910.23 CAL-OSHA §1620,, CAL-OSHA §1621, CAL-OSHA §3209, CAL-OSHA §3210, ANSI/ASSE A1264.1-2007, USACE EM 385-1-1 (21.E.01 a-c)

### Warranty

Manufactures limited warranty covers any defects from 1 year of purchase date

**AutoCAD details and specifications available at [leadingedgesafety.net](http://leadingedgesafety.net)**