**3-PART CSI MASTERFORMAT SPECIFICATION**

**SECTION 07 9100**

**preformed joint seals**

**Product Name**:

* PRS Guardrail-Powder Coated Steel

**Product Description**:

* PRS Guardrail provides permanent full-perimeter fall protection, installing under standard roofing and sheet metal details including coping caps, drip edges, gravel stops and inside most commercial gutters. PRS
* Guardrails can be installed prior to roof construction and left in place during complete roof replacement, allowing full access to the entire roof surface, wall flashings and sheet metal.
* Powder coated steel colors available to match Kynar sheet metal or other building components and RAL colors.

**Applications**:

* The PRS Guardrail provides perimeter fall protection for low-slope roofs.

**Installation**:

* PRS Guardrail can be installed on both new and existing roof edge perimeters without penetrating the roof
membrane and mounted under the outside perimeter sheet metal detail.

**New Construction**:

* Coping caps, gravel stops, drip edges and most commercial gutters.

**Retrofit**:

* Coping Caps, gravel stops, drip edges and commercial gutter retrofit is recommended during roof

replacement, however, can be retrofit with existing perimeter roof details

**MATERIALS**

**Uprights**:

* 1.66” x .140” schedule 40 pipe (ASTM A53) welded to 2” x 3” x 3.5” steel block (ASTM A36) and 3/16” steel
plate (ASTM A36) bracket with pre-punched holes and slots for permanent structural attachment.

**Horizontal Rails**:

* 1.625” x .065” and 1.375” x .065” (ASTM C1008/1010) steel tube adjustable slide rails.

**Finish**:

* Powder coated steel.

**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.

**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: 12 lbs +/-

**Horizontal Rails:**

* 1 lbs / lineal foot +/-

 **Corners**:

* 2 lbs +/-

**Standards:**

* Meets and exceeds OHSA Standard 29 CFR 1926.501, 1926.502, 1910.23, Cal-OSHA §1620, §1621, §3209, §3210, ICC 2012 Building Codes, ANSI/ASEE 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

END OF SECTION

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