**3-Part CSI MasterFormat Specification**

**SECTION 10 2600**

**WALL AND DOOR PROTECTION**

1. - GENERAL

## SECTION INCLUDES

### Stainless Steel Crash Rails, Extended Mount

## COORDINATION

## A. Coordinate blocking and backing location

## SUBMITTALS

## A. Product Data: Manufacturers product specifications, installation and maintenance instructions.

## B. Shop Drawings: Show layout and types of crash rails not less than half-scale sections of typical installations, details of patterns or designs, anchors, and accessories, and field measurements of substrate to receive crash rails.

## C. Samples for Selection Purposes: Actual sections of material in a convenient but representative size showing full range of colors, textures, finishes and patterns available for each type of rail specified.

## D. Installation, Operations and Maintenance data.

## E. LEED Submittals:

## 1. Product Data for Credit IEQ 4.1: For adhesives, documentation including printed statement of VOC content.

## 2. Laboratory Test Reports for Credit IEQ 4: For adhesives documentation indicating that products comply with the testing and product requirements of the California Department of Health Services' inchStandard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers. inch

## QUALITY ASSURANCE

* + 1. Comply with NFPA 101 for interior finish materials. Smoke developed less than 450 degree F and flame spread of 25 or less in accordance with ASTM E84.

## DELIVERY, STORAGE AND HANDLING

### Delivery: Deliver materials to site in manufacturer’s original, unopened containers and packaging with labels clearly indicating manufacturer and material.

### Storage: Store materials indoors in a clean, dry area protected from damage and in accordance with manufacturer’s instructions.

### Handling: Protect materials during handling and installation to prevent damage.

1. - PRODUCTS

2.01 MANUFACTURER

Nystrom Inc

9300 73rd Ave N

Minneapolis, MN 55428

PH: 800.547.2635

www.Nystrom.com

2.02 Stainless Steel Crash Rails, Extended Mount, 4 inch High

1. Nystrom model CRSE4 stainless steel crash rail. Lengths to be supplied pre-drilled and cut to length.
2. Dimensions
   1. Height: 4 inch
   2. Width: 1/4 inch
   3. Clearance from Wall
      1. 2-3/4 inch Square bracket (CRSE4-BS)
      2. 2 inch I-Beam bracket (CRSE4-BI2)
      3. 3 inch I-Beam bracket (CRSE4-BI3)
3. Profile: Heavy Duty Type 304 Stainless Steel #4 Finish and 6063-T5 clear anodized aluminum brackets.
4. End Caps: Type 304 Stainless Steel #4 Finish and 6063-T5 clear anodized aluminum brackets. Pre-cut and drilled for installation.
5. Corners: Type 304 Stainless Steel #4 Finish and 6063-T5 clear anodized aluminum brackets. Carry line of crash rail continuously around corner, unless otherwise indicated on drawings. Pre-cut and drilled for installation.
6. Optional: Type 316 Stainless Steel
7. - EXECUTION

3.01 EXAMINATION

1. Verify by examination that wall surface is acceptable to receive the specified bumper guard. Notify the Architect in writing if wall surfaces are not acceptable.
   * + 1. Do not begin installation until unacceptable conditions have been corrected.

3.02 INSTALLATION

A. Crash Rail Installation: Securely fasten retainer to wall through mounting brackets at not more than 16 inches on center.

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3.03 CLEANING

A. Clean crash rails of adhesives, dust, dirt, and other contaminants.

END OF SECTION

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