Suggested Specification
SECTION 10 26 13
Wallguard.com Protector Series 2182 Stainless Steel Crash Rail

PART 1 GENERAL
1.01 SUMMARY
    A. This section includes the following wall protection system:
        1. Bumper Guards
    B. Related Sections
        1. Section 10 26 13 - Corner Guards
        2. Section 10 26 23 - Protective Wall Covering
        3. Section 10 26 33 - Door and Frame Protection
        4. Section 09 22 00 - Supports for Plaster and Gypsum Board
1.02 REFERENCES
    A. Abbreviations and Acronyms
        1. American Society for Testing and Materials (ASTM)
1.03 SUBMITTALS
    A. General: Submit the following in accordance with Section 01 33 00 "Submittal Procedures".
    B. Product Data
        1. Data sheet illustrating product dimensions, options, and related components.
        2. Installation instructions.
    C. Samples for verification of design suitability, color, finish, accessory cap attachment and alignment.
        1. 12" (304) Single piece sample with mounting bracket and factory formed wall return.
    D. Test reports from a qualified independent laboratory showing results in compliance to requirements indicated
1.04 QUALITY ASSURANCE
    A. Manufacturer to have no less than 5 years experience in the production of wall protection products having successful in-service performance.
1.05 DELIVERY, STORAGE, AND HANDLING
    A. Storage: Store wall protection products in original packaging. Protect from weather, extreme temperatures, and moisture.
        1. Maintain temperature during storage between 40°- 100°F (4°- 38°C).
        2. Store materials flat to prevent twisting or sagging of cartons.
    B. Handling: Take adequate measure to prevent damage to materials.
1.06 SITE CONDITIONS
    A. Ambient Conditions: Do not install wall protection products until installation areas are enclosed and weatherproof. HVAC system must be operational and maintaining temperature at 65°-75°F (18°-24°C) for at least 72 hours prior to installation.

PART 2 PRODUCTS
2.01 MANUFACTURERS
    Wallguard.com

PO Box 1109
Dover Plains, NY 12522
Tel: 877-943-6826
www.wallguard.com

2.02 DESCRIPTION
   A.   Model 2182, Surface mounted stainless steel crash rail system consisting of a continuous 1 1/2" (38) x 5 1/2" (140) stainless steel rail with V-Groove accent, mounting brackets, and end caps. Rail is factory cut and formed from 16 gauge stainless steel to field dimensions. End caps shall be cut from 1/8" stainless steel with mounting holes and hardware for mechanical attachment to rail.

2.03 MATERIALS
   A.   Rail: Type 304, 16Ga, stainless steel sheet.
   B.   Mounting Brackets: Type 304, 16Ga, stainless steel sheet.
   C.   End Caps: Type 304, 1/8" stainless sheet.

2.04 FABRICATION
   A.   Shop Fabrication: Crash rail is cut and formed according to field verified dimensions. Longest section available without a visible joint is 120". End caps are laser cut 1/16" larger than rail profile dimensions.

2.05 FINISHES
   A.   Rail, mounting brackets, and end caps are #4 satin finish.

PART 3 EXECUTION
3.01 EXAMINATION
   A.   Examine walls for availability of backing to ensure secure attachment of wall protection products.
   B.   Verify that HVAC is operating and installation area temperature has been maintained between 65°-75°F (18°-24°C) for at least 72 hours prior to installation.
   C.   Verify application of wall finishes has been completed in accordance with project finish plan.

3.02 PREPARATION
   A.   Surface Preparation: Clean substrate to remove dust and debris.
   B.   Rails are individually marked to correspond with factory layout and location drawings. Rail should be reviewed and organized by area before installation begins.

3.03 INSTALLATION
   A.   Acclimate materials to building conditions for at least 24 hours prior to installation.
   B.   Install wall protection products in accordance with manufacturer's installation instructions.

3.04 PROTECTION
   A.   Protect installed material from damage by other trades. Use materials that will not mark, stain, or leave residue on the product.