

Suggested Specification
SECTION 10 26 16

Wallguard.com Opportunity Series Handrail 1024

PART 1 GENERAL

1.01 SUMMARY

- A. This section includes the following wall protection system:
 - 1. Protective Corridor Handrails
- 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. National Fire Protection Association (NFPA)
 - 2. American Society for Testing and Materials (ASTM)
 - 3. Underwriters Laboratories (UL)
 - 4. American National Standards Institute (ANSI)

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, and accessory attachment and alignment.
 - 1. 12" (304) Long sample with attached wall return and mounting bracket.
- 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. Avoid exposure of products to direct sunlight.

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

- A. Wallguard.com
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Dover Plains, NY 12522
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2.02 DESCRIPTION

- A. Handrail Series , 6 3/8" (162) Opportunity handrail/bumper guard system with 1 1/2" (38) round stainless steel handgrip cantilever mounted over 1/4" (6.4) x 4" (102) stainless steel crash rail. Accessories include wall returns, outside corners, and cantilever stainless steel mounting brackets.

2.03 MATERIALS

- A. Handgrip: 16 gauge, type 304 stainless steel tubing with #4 satin finish.
- B. Crash Rail: Type 304 stainless steel with #4 satin finish.
- C. Cantilever Brackets: Cast 304 series stainless steel with satin finish.
- D. Wall Returns and Outside Corners: Factory formed satin finish 16 gauge stainless steel tubing handgrip over factory formed crash rail.

2.04 FABRICATION

- A. Shop Fabrication: Crash rail is cut and formed according to field verified dimensions. Wall returns and corners shall be formed as an integral bend on adjacent rails. Rail includes factory welded stainless steel threaded studs for concealed fastening to wall brackets.

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.

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.