

Suggested Specification
Model HR-5

PART 1 GENERAL

1.01 SUMMARY

- A. This section includes the following wall protection system:
 - 1. Protective Corridor Handrails
- B. Related Sections
 - 1. Section - Corner Guards
 - 2. Section - Protective Wall Guard
 - 3. Section - Nylon grab bar
 - 4. Section - Stair railing

1.02 QUALITY ASSURANCE

- A. Manufacturer to have no less than 5 years experience in the production of wall protection products having successful in-service performance.
- B. Color Control: Provide extruded and molded components that meet visual and colorimetric evaluation of color to a controlled standard.

1.03 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.

1.04 SITE CONDITIONS

- A. Ambient Conditions: Do not install wall protection products until installation areas are enclosed and weatherproof.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Shaoxing Kaid Building material Co. , Ltd.
Architectural Products

2.02 DESCRIPTION

- A. Model HR-5 Multifunction handrail/bumper guard system with a continuous aluminum retainer, flexible impact cushion, and snap-on plastic cover. System includes molded wall returns, corners, and mounting brackets. Cover has integral co-extruded colored accent. Individually select color for handrail and accent from manufacturer's standard or custom colors.

2.03 MATERIALS

- A. Cover: Extruded high impact vinyl
- B. Aluminum Retainer: Extruded aluminum alloy
- C. Molded Accessories: Injection molded thermoplastic.
- D. Impact Cushion: Extruded thermoplastic, 70 durometer Shore A.

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.