

Suggested Specification  
Model WG-1

**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 WG-1 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.