Suggested Specification
SECTION 10 26 16
Pawling Pro-Tek® Model BL-4

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. 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, accessory cap attachment and alignment.
   1. 12” (304) Long sample with attached locator guide and wall 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.
B. Color Control: Provide extruded and molded components that meet visual and colorimetric evaluation of color to a controlled standard.
   1. Colorimetric evaluation less than or equal to 1.0 CMC DE (Delta E) when measured under cool white fluorescent lighting.

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 plastic 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 MANUFATURERS

A. Pawling Corporation
Architectural Products
32 Nelson Hill Rd
Wassaic, NY 12592
Tel: 800-431-3456
www.pawling.com

2.02 DESCRIPTION

A. Model BL-4, 48” (1219) Bed locator system consisting of a 3 1/2” (89) bumper guard having a continuous aluminum retainer and snap-on plastic cover with heavy duty molded locator guides secured at each end. Unit is wall mounted on molded brackets with a total projection of 7 1/2” (181). Locator guides provide 3 7/8” (98) recess to surface of bumper guard. Select from manufacturer’s standard or custom colors.

2.03 DESIGN AND PERFORMANCE CRITERIA

A. Flammability Characteristics: High impact vinyl components.
   1. Class A Interior wall finish (NFPA 101 Life Safety) when tested in accordance with ASTM E84.
      a. Flame Spread: 25 or less
      b. Smoke Developed: 450 or less
   2. Classification of HB when tested in accordance with ASTM D635.

B. Stain Resistance: High impact vinyl components.
   1. Material to be tested for stain resistance to various chemical reagents in accordance with ASTM D543.

C. Bacterial and Fungal Growth: High impact vinyl components.
   1. Material must not support bacteria or fungal growth when tested in accordance with ASTM G21 and ASTM G22.

D. Impact Resistance: High impact vinyl components.
   1. Izod impact strength ASTM D256 method A notched, 23.8 ft-lbs/in average with no break.
   2. Charpy impact strength ASTM D6110 notched, 26.1 ft-lbs/in average with no break.

2.04 MATERIALS

A. Cover: Extruded high impact vinyl, nominal 0.085” (2.2) thickness, colored throughout.

B. Aluminum Retainer: Extruded aluminum, alloy 6063-T6 as described in ASTM B221, nominal 0.062” (1.6) thickness.

C. Molded Accessories: Injection molded thermoplastic.

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.