

SECTION 22 0717 - PIPING SAFETY COVERS

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Piping Safety Covers.
- B. Lavatory Piping Enclosure.
- C. Basin/Sink Piping Enclosure.

1.02 RELATED SECTIONS

- A. Drawings and General Provisions of the Contract apply to this section.

1.03 REFERENCES

- A. ANSI/ICC A117.1 - American National Standard for Accessible and Usable Buildings and Facilities; International Code Council.
- B. ASTM C 177 - Standard Test Method for Steady-State Heat Flux Measurements and Thermal Transmission Properties by Means of the Guarded-Hot-Plate Apparatus.
- C. ASTM D 635 - Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position.
- D. ASTM D 2240 - Standard Test Method for Rubber Property--Durometer Hardness.
- E. UL 94 - Tests for Flammability of Plastic Materials for Parts in Devices and Appliances; Underwriters Laboratories Inc.

1.04 SUBMITTALS

- A. Product Data: Manufacturer's descriptive literature for products specified in this section.
- B. Shop Drawings: Indicate locations and configurations of piping insulation for indicated plumbing configurations.
- C. Manufacturer's printed installation instructions for each specified product.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Store products of this section in manufacturer's unopened packaging until installation; maintain storage conditions for products in accordance with manufacturer's recommendations.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

- A. Acceptable Manufacturer: Truebro, Inc.

2.02 PIPING INSULATION ACCESSORIES

- A. Provide products that comply with the following:

1. Americans With Disabilities Act (ADA), Article 4.19.4.
2. ANSI/ICC A 117.1, American National Standard for Accessible Buildings and Facilities.
3. BOCA Basic Building Code.
4. Requirements of applicable building code.

- B. Piping Safety Covers: Truebro Lav-Guard.

1. Characteristics: Three-piece molded assembly, minimum 1/8 inch wall thickness, with internal ribs to provide air space between piping and piping insulation jacket, molded to receive manufacturer's snap-clip fasteners.
2. Vinyl Material: Impact-resistant and stain-resistant molded closed-cell anti-microbial vinyl compound, UV-stable, non-fading, non-yellowing, having the following performance characteristics:
 - a. Burning Characteristics: 0 seconds Average Time of Burning (ATB), 0 mm Area of Burning (AEB), when tested in accordance with ASTM D 635.
 - b. Thermal Conductivity: K-value 1.17 (2.02), when tested in accordance with ASTM D 2240, using Type A durometer.
3. Trap Assembly Cover: Three-piece assembly, with removable clean-out nut enclosure.
4. Angle Stop Covers: Formed with hinged cap for access to valve without requiring cove removal.
5. Configurations: In accordance with manufacturer's product data for project piping configurations indicated on drawings.
6. Color: China White, gloss finish.
7. Fasteners: Manufacturer's standard re-usable snap-clip fasteners, wire-tie fasteners not permitted.

C. Lavatory Piping Enclosure: Truebro Lav-Shield.

1. Characteristics: One-piece rigid molded vinyl enclosure, minimum 1/8 inch wall thickness, factory-punched for manufacturer's wall fasteners.
2. Vinyl Material: Impact-resistant and stain-resistant molded closed-cell vinyl, having the following performance characteristics:
 - a. Burning Characteristics: 0 seconds Average Time of Burning (ATB), 0 mm Area of Burning (AEB), when tested in accordance with ASTM D 635.
 - b. Flammability: UL 94 V-O rating.
 - c. Indentation Hardness: 69, minimum, when tested in accordance with ASTM D 2240, using Type A durometer.
3. Vinyl Color: China White, fine-textured finish, paintable.
4. Fasteners: Manufacturer's standard stainless steel wall fasteners with tamper-resistant heads.

D. Basin/Sink Piping Enclosure: Truebro Basin Guard.

1. Characteristics: One-piece rigid molded vinyl enclosure, minimum 0.093 inch wall thickness, factory-molded flanges for fasteners.
2. Vinyl Material: Impact-resistant and stain-resistant molded closed-cell vinyl, having the following performance characteristics:
 - a. Burning Characteristics, when tested in accordance with ASTM D 635: 0 seconds Average Time of Burning (ATB), 0 mm Area of Burning (AEB).
 - b. BOCA Basic Building Code Fire Rating: Class 1.
 - c. Indentation Hardness: 69, minimum, when tested in accordance with ASTM D 2240 using Type A durometer.
3. Width: 36 inches.
4. Color: White, fine-textured finish.
5. Fasteners: Supply non-corroding fasteners with tamper-resistant heads; type recommended by manufacturer for indicated project conditions.

PART 3 - EXECUTION

3.01 EXAMINATION

- A. Verify that piping configurations are correct type for piping cover component configurations specified.

3.02 INSTALLATION

- A. Install products of this section in accordance with manufacturer's printed installation instructions.

3.03 PROTECTION OF INSTALLED PRODUCTS

- A. Do not allow damage to installed products by subsequent construction activities; protect products until Substantial Completion.

END OF SECTION 22 0717