

SECTION 13980

RETROFIT-SPRINKLER PIPING COVER SYSTEM

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Modular piping cover system for installation of metal piping system in existing construction.
- B. Modular combination pipe hanger and cover system for installation of CPVC piping system in existing construction.

1.2 RELATED SECTIONS

- A. Section 13915 - Fire Protection Piping.

1.3 REFERENCES

- A. ASTM E 84 - Standard Test Method for Surface Burning Characteristics of Building Materials.
- B. NFPA 13 - Installation of Sprinkler Systems.
- C. "Building Materials Directory"; Underwriters Laboratories Inc.
- D. "Fire Protection Equipment Directory"; Underwriters Laboratories Inc.

1.4 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Include manufacturer's installation instructions.
- C. Certification of UL listings.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Store materials in areas where temperature will be maintained above 35 degrees F.
- B. Protect from exposure to direct sunlight.
- C. Stack or store in such a manner to prevent distortion of shape.

1.6 WARRANTY

- A. Provide manufacturer's 10 year material warranty.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Provide "DecoShield" piping cover system manufactured by Creative Systems, Inc., One Parker Place, P.O. Box 957, Janesville, WI 53547. Telephone: (608) 757-0717. Fax: (608) 757-0721.

2.2 MATERIALS

- A. Piping Cover System: Modular, snap-fit cover units, clips, and anchors, which once assembled, render the cover essentially irremovable with the use of ordinary tools; UL listed for use with CPVC piping systems.
- B. Cover Units: L-shaped and U-shaped cross-section units of flame retardant resin material, paintable finish.
 - 1. Resin: B.F. Goodrich Co. "TempRite."
 - 2. Surface burning characteristics when tested in accordance with ASTM E 84:
 - a. Flame spread: 20.
 - b. Smoke developed: 250.
 - 3. Unit length: 7.5 feet.
 - 4. Provide coupling fittings for joining units end to end and prefabricated inside and outside corner fittings and end caps.
 - 5. Provide sidewall sprinkler head housing accommodating NFPA 13 4-inch drop assembly requirements.
 - 6. Provide mounting clips to secure covers to wall/ceiling.
- C. Pipe Hangers for CPVC Piping: Manufactured by cover system manufacturer; UL listed; requiring no special tools for installation.
 - 1. For supporting piping only: "Snap-2" hangers.
 - 2. For supporting both piping and covers: "Combo" hangers that automatically position pipe in cover.
- D. Pipe Hangers for Copper and Steel Piping: Design and dimensions compatible with cover system; UL listed.

- E. Paint: Acrylic latex; color to match adjoining surfaces.

PART 3 EXECUTION

3.1 INSTALLATION

- A. Install in accordance with the manufacturer's instructions and recommendations.
- B. See Section 13980 - Fire Protection Piping for requirements for installation of piping. Space hangers supporting piping in accordance with applicable requirements.
- C. Space hangers and mounting clips supporting covers to hold the covers and fittings firmly against the mounting surface without gaps or unpleasant appearance.
- D. Install cover units using coupling fittings and corner units as required.
- E. Paint entire cover assembly. Cover sprinkler heads carefully during painting and remove covering completely immediately after painting.

END OF SECTION