

## SECTION 13980

### RETROFIT-SPRINKLER PIPING COVER SYSTEM

#### PART GENERAL

##### SECTION INCLUDES

Modular piping cover system for installation of metal piping system in existing construction.

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

##### RELATED SECTIONS

Section 13915 - Fire Protection Piping.

##### REFERENCES

ASTM E 84 - Standard Test Method for Surface Burning Characteristics of Building Materials.

NFPA 13 - Installation of Sprinkler Systems.

"Building Materials Directory"; Underwriters Laboratories Inc.

"Fire Protection Equipment Directory"; Underwriters Laboratories Inc.

##### SUBMITTALS

Submit under provisions of Section 01300.

Product Data: Include manufacturer's installation instructions.

Certification of UL listings.

##### DELIVERY, STORAGE, AND HANDLING

Store materials in areas where temperature will be maintained above 35 degrees F.

Protect from exposure to direct sunlight.

Stack or store in such a manner to prevent distortion of shape.

## WARRANTY

Provide manufacturer's 10 year material warranty.

## PART PRODUCTS

### MANUFACTURERS

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.

### MATERIALS

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.

Cover Units: L-shaped and U-shaped cross-section units of flame retardant resin material, paintable finish.

Resin: B.F. Goodrich Co. "TempRite."

Surface burning characteristics when tested in accordance with ASTM E 84:

Flame spread: 20.

Smoke developed: 250.

Unit length: 7.5 feet.

Provide coupling fittings for joining units end to end and prefabricated inside and outside corner fittings and end caps.

Provide sidewall sprinkler head housing accommodating NFPA 13 4-inch drop assembly requirements.

Provide mounting clips to secure covers to wall/ceiling.

Pipe Hangers for CPVC Piping: Manufactured by cover system manufacturer; UL listed; requiring no special tools for installation.

For supporting piping only: "Snap-2" hangers.

For supporting both piping and covers: "Combo" hangers that automatically position pipe in cover.

Pipe Hangers for Copper and Steel Piping: Design and dimensions compatible with cover system; UL listed.

Paint: Acrylic latex; color to match adjoining surfaces.

PART EXECUTION

INSTALLATION

Install in accordance with the manufacturer's instructions and recommendations.

See Section 13980 - Fire Protection Piping for requirements for installation of piping. Space hangers supporting piping in accordance with applicable requirements.

Space hangers and mounting clips supporting covers to hold the covers and fittings firmly against the mounting surface without gaps or unpleasant appearance.

Install cover units using coupling fittings and corner units as required.

Paint entire cover assembly. Cover sprinkler heads carefully during painting and remove covering completely immediately after painting.

END OF SECTION