CPVC Piping: Common Misuses (part 2 of 3)

Exposed CPVC: Under Smooth, Flat, Horizontal, Fixed ceilings ONLY!

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Beam ceiling (not smooth or flat).
Deflector distance exceeds the 8-in maximum.

Standard coverage (non-residential) **Pendent** sprinklers shall be listed Quick Response 170°F (77°C) maximum temperature rated, having deflectors installed within 8-in of the ceiling. (Not 12-in as-for standard sprinklers on steel pipe.)

Sloped (not horizontal) ceiling.
Pipe centerline exceeds the 7½-in maximum.

Standard coverage (non-residential) **Upright** Sprinklers shall be listed Quick Response, 155°F (68°C) maximum temperature rated, installed within 4-in of the ceiling. The maximum distance from the ceiling to the centerline of the main run of pipe shall not exceed 7½-in.

Standard coverage (non-residential) **Horizontal Sidewall** Sprinklers shall be listed, Quick Response 200°F (93°C) maximum temperature rated having deflectors within 12-in of the ceiling (according to its listing) and within 6-in from the sidewall. The maximum distance between sprinklers shall not exceed 14-ft. Piping shall be mounted directly to the sidewall.