

## Bulletin 12: Piping Insulation Protection

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Amended: April 27, 2023

To: All Staff

From: Fred Clum

Chief Building Official

Subject: UV Piping Protection & Equipment Maintenance Protection per the Energy Code

### **C403.2.8.1 Protection of piping insulation**

Piping insulation exposed to weather shall be protected from damage, including that due to sunlight, moisture, equipment maintenance and wind, and shall provide shielding from solar radiation that can cause degradation of the material. Adhesives tape shall not be permitted.

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- Commercial & Residential Permits:
  - Piping insulation, which has UV retardant or UV resistant lettering, shall be visible to the inspector. However, if no labeling is apparent a specification sheet shall be required for verification at time of inspection.
  - UV paint is an acceptable means to provide protection from solar radiation and sunlight as long as the product is listed and labelled for such application. The inspector may ask for the specifications of such product.
  - If the contractor chooses to use a protective covering, it shall meet the FBC Building requirements and still provide protection against sunlight, wind, equipment maintenance, and solar radiation.
  - If a set of HVAC lines (line set) is above the ground and may potentially lead to a tripping hazard, the lines shall be easily distinguished from its surrounding environment.

