

# CRR POLICY 1321: EXTERIOR ROOFS, CANOPIES, & PORTE-COCHERES

Created: July 12, 2017 Revised: August 24, 2021 Effective Date: Immediate  
Community Risk Reduction Division – 928-204-8926

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This policy is promulgated in accordance with Section 104.1 of the 2012 International Fire Code and is an official interpretation of Section 8.15.7 of the 2010 edition of NFPA 13 and Section 903.3.1.2.1 of the 2012 International Fire Code.

## **The following shall apply to sprinkler coverage underneath exterior roofs, canopies, & porte-cocheres:**

Section 8.15.7 of the 2010 edition of NFPA 13 allows for the omission of sprinklers under noncombustible or limited combustible, but requires sprinklers to be present if combustible materials are stored or handled. It is the opinion of the Fire Marshal that the presence of combustibles underneath these structures is likely. Additionally, the 903.3.1.2.1 of the 2012 IFC requires sprinklers to be provided for exterior balconies, decks, and ground floor patios of dwelling units where the building is of Type V construction. It is the opinion of the Fire Marshal that a properly located sidewall sprinkler, underneath a horizontal projection, will provide the exterior wall with protection even if the sprinkler would be activated through radiant heating. The following is the Sedona Fire District Community Risk Management Division's policy on when sprinklers shall be provided underneath exterior roofs, canopies, and porte-cocheres as well as exterior balconies, decks, and ground floor patios:

- 1) Due to the difficulty in enforcing combustible storage requirements under unsprinklered exterior roofs, canopies, and porte-cocheres; sprinklers SHALL be required underneath ALL exterior roofs, canopies, and attached porte-cocheres that are larger than 4' in both dimensions, regardless of construction type.
  - a. Exception- Canopies covering exterior dining areas when all of the following conditions are met;
    - i. Existing building constructed without fire sprinklers
    - ii. Canopies constructed of non-combustible materials
    - iii. Two or more egress points from the covered area exist
    - iv. No cooking is taking place in the canopy area.
- 2) In addition to sprinklers being provided for all exterior roofs, canopies, and attached porte-cocheres larger than 4'x4', sprinklers SHALL be required for ALL exterior balconies, decks, and ground floor patios of dwelling units where the building is of Type V construction and an overhead horizontal projection exists. This requirement does NOT apply to NFPA 13D systems.
- 3) Fabric canopies and canopies constructed a minimum of 4' from a sprinklered building shall not be required to adhere to this policy. However, compliance with the building and fire codes is required.

Any comments or questions regarding the above information may be submitted to:

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