




City of Phoenix

FIRE DEPARTMENT
FIRE PREVENTION SECTION

Explanatory Policy – Solar Roof Tiles or Glass Systems in R-3 & R-4 Occupancies

SUBJECT: Solar Roof Tile or Glass Systems	EFFECTIVE DATE: September 1, 2020
REFERENCES: The Phoenix Fire Code (2018 Edition) Section 1204.2.1., 1204.2.1.2, and 1204.2.1.5	REVIEW DATE: August 2021
APPROVED: 	
John Mertens, Fire Marshal	

Scope:

To provide clarification on the requirements of pathways and separation distances for Solar Photovoltaic Systems installed on R-3 and R-4 occupancies that are a solar roof tile or glass system.

Policy:

Due to the hazard associated with firefighters traversing up a solar roof tile or glass system, the 3-foot pathways from the eave to the ridge from 1204.2.1 will not be required. In addition, the clear space between roof hips and valleys on residential buildings with roof hips from 1204.2.1.2 will also not be required.

The 3-foot separation between the top of the solar panel and the ridge will be required in accordance with 1204.2.1.5.