

BACKGROUND

All roofing products are tested and classified for their ability to resist fire. Recently these fire resistance standards were expanded to include solar equipment as part of the roof system. Specifically, this requires the modules, mounting hardware and roof covering to be tested together as a system to ensure they achieve the same fire rating as the original roof covering. Adoption of these new requirements will begin in California in 2015 and extend to the rest of the country in 2016.

ORION CERTIFICATION

In Jan 2015 Orion received a Class A Fire Rating – the highest possible fire rating – from UL, a nationally recognized test laboratory. Venus Roof Mount Products from Orion were tested with Type 1 and Type 2 Solar Modules and Class A Rated Roofing material in accordance with the new UL 1703 and UL 2703 test standards. The testing evaluated the system's ability to resist flame spread, burning material and structural damage to the roof.

Fire Testing Process

Test Setup

- **Solar Modules**

Solar modules are given a Type classification based on their materials and constructions.

- **Mounting System**

Mounting System is tested as a part of a system that includes type-tested modules and fire-rated roof covering.

- **Roof Covering**

Roof covering products are given a Fire Class Rating of A, B or C based on their tested fire resistance

UL Listed

Contact us for details of UL Fire Rating Certificate



Engineering certification Letters

We offer complete engineering resources and pre-stamped certification letters.

