

## 6 Conclusion

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The results of the Class 'A' System Fire Class Rating of Photovoltaic Panels with Mounting Systems in Combination with Roof Coverings, For Low Slope Applications is stated in the following table. The Renusol VS Tilt mount was provided by Renusol America Inc. and testing included the use of Type 2 photovoltaic panels. Testing was conducted per UL 1703, 2002 Edition (rev. Oct 2015) Section 31.2 and UL 2703, 2015 Edition, Sections 15.2 and 15.3. *"Standard Test Methods for Fire Tests of Roof Coverings"*.

Sample	Surface Material	Test	Rating
15	Renusol VS Tilt mounting system with Type 2 panel & wind deflector, South Flame.	Spread of Flame	Pass
16	Renusol VS Tilt mounting system with Type 2 panel & wind deflector, North Flame.	Spread of Flame	Pass
21	Renusol VS Tilt mounting system with Type 2 panel & wind deflector, East Flame.	Spread of Flame	Pass
22	Renusol VS Tilt mounting system with Type 2 panel & wind deflector, East Flame.	Spread of Flame	Pass
23	Renusol VS Tilt mounting system with Type 2 panel & wind deflector, North Flame.	Spread of Flame	Pass
24	Renusol VS Tilt mounting system with Type 2 panel & wind deflector, South Flame.	Spread of Flame	Pass

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The Renusol America Inc. mounting system, Renusol VS Tilt and Type 2 photovoltaic panel met the requirement for a Class A fire application in accordance with UL 1703, 2002 Edition (rev. Oct 2015) Section 31.2 and UL 2703, 2015 Edition, Sections 15.2 and 15.3. *Standard Test Methods for Fire Tests of Roof Covering* for low slope applications.

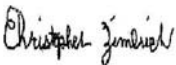
Per Section 31.2.2.1 of UL 1703 (rev. Oct 2015) the rating obtained for a 5-inch (127 mm) gap between the bottom of the module frame and the roof covering surface can be used for any other gaps allowed by the mounting instructions.

Per Section 31.2.1.6 of UL 1703 (2014) the rating obtained for a 10° inclination can be used for any greater inclinations stated in the mounting instructions.

A wind deflector around the perimeter is required with a 1 ¾" gap at the far north and far south face, and a ¾" gap on the far east and far west face.

This report does not automatically imply product certification. Products must be under a certification program and bear the Warnock Hersey registered certification mark to demonstrate compliance.

#### INTERTEK TESTING SERVICES NA

Reported by:   
\_\_\_\_\_  
Christopher Zimbrich  
Technician II, Fire Resistance  
Intertek, Building Products

Reviewed by:   
\_\_\_\_\_  
Kent Kelsey  
Lead Engineer\Fire Resistance  
Intertek Building Products