

TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION RV-6

Effective April 28, 1998
Revised June 1, 2001

*The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**. This product shall be subject to reevaluation 3 years after the effective date.*

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

The **RV-10 Ridgevent Universal** manufactured by

The Solar Group
P.O. Box 525
Taylorville, MS 39168
(601) 785-8020

is acceptable for use in designated catastrophe zones along the Texas Gulf Coast when installed in accordance with the manufacturer's installation instructions and this product evaluation.

PRODUCT DESCRIPTION

The **Solar Group RV-10 Airhawk Aluminum Ridgevent** 2 $\frac{3}{4}$ inch x 8 $\frac{1}{4}$ inch embossed to 0.24 inch thickness textured finish with roll formed construction comes in 10 foot lengths.

LIMITATIONS

For All Applications: The RV-10 Ridgevent shall be installed on roofs with slopes 3:12 to 12:12.

Limitations:

Building Location	Roof Slope	Mean Roof Height allowable
Inland II Zone	≤ 7:12	≤ 50'
	> 7:12	≤ 50'
Inland I Zone	≤ 7:12	≤ 33'
	> 7:12	≤ 33'
Seaward Zone	≤ 7:12	≤ 33'
	> 7:12	≤ 33'

INSTALLATION INSTRUCTIONS

General Installation Requirements:

All Texas Windstorm Insurance Association *Building Code for Windstorm Construction* or Texas Department of Insurance *Windstorm Resistant Construction Guide* requirements must be satisfied and manufacturer's installation instructions followed, unless otherwise specified by this product evaluation.

The RV-10 Aluminum Ridgevent shall be installed in accordance with the manufacturer's installation instructions with the following exceptions:

Deck: The roof deck shall consist of wood structural panels with a minimum thickness of $\frac{15}{32}$ inch.

Anchorage: Universal Hurricane Straps, 0.016 inch x 2 inch pre-painted aluminum embossed to 0.024 inch thickness, shall be used in conjunction with this ridgevent. The 2 inch hurricane straps shall be installed at each connection or butt joint and at intervals of 5 feet or less. The flashing area of the RV-10 ridgevent shall be attached to the shingled roof deck with (one) $\frac{3}{8}$ inch diameter head by $1\frac{1}{4}$ inch length by 0.125 inch shank diameter smooth or ring shank galvanized steel roofing nail (per foot and per side). The nails shall be located in the flashing area of the ridgevent between the external baffle and vertical side of the domed section of the ridgevent.

Note: Manufacturer's installation instructions shall be available on the job site during installation. Fasteners shall be corrosion resistant as specified in the Texas Department of Insurance Windstorm Resistant Construction Guide and the Texas Windstorm Insurance Association Building Code for Windstorm Resistant Construction.