

System Overview

The Renusol VS System can be tilted to a 10° angle using portrait and landscape tilt-leg sets. There are a number of different layout options covering all low-slope and flat roof applications. Portrait designs utilize the Renusol top-down clamps, including the IB Mid Clamp and Stion Frameless Clamps. Landscape designs use the bottom-up attachment method utilizing the module frame's mounting holes for L-foot attachment.

Portrait Orientation

End Clamp

Mid Clamp

Tilt-Leg to rail

Portrait Tilt-Legs
A B

Certain roofing compositions will require that a double-rail assembly be used to apply the proper compound angle toward the sun. In this scenario, a second rail is placed under the tilt-legs perpendicular to the main rails.

Landscape Orientation

Tilt-Leg to module

| Description | |
|-------------|---------------------|
| 1 | module bolt |
| 2 | T-washer |
| 3 | flat washer |
| 4 | push-on retainer |
| 5 | flange nut w/ patch |

Tilt-Leg to rail

Landscape Tilt-Legs
C D

Certain roofing compositions will require that a rotated rail be used to apply the proper compound angle toward the sun. In this scenario, the tilt-legs are placed on a rail running parallel to the long side of the module.

Tilt-Leg Attachment Methods

Standing Seam Attachment

Low-anchor Attachment

Purlin Attachment

Rail Attachment