

2001 COMPANY

Wind Vented Roof System Profile



South River Rd, Cranbury, NJ

- Install Year: 2010
- Roof Area: 210,000 s/f
- Membrane: 60 MIL TPO
- Solar: Unisolar Thin Film Adhered Directly to Membrane - 1MW
- Warranty: 20 Year NDL

Notes: This warehouse facility was in need of a new roof, and the owners wished to take advantage of it's significant footprint for a solar array. There were severe weight limitations which restricted the ability to install a conventional roofing system and a panel array. There was also the need for a roof which could handle the extreme wind loads encountered at this location. The **2001 Wind Vented Roof System** met all of their needs and provided a additional benefits which cannot be realized with any other roof system.



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Notes Cont: As a ballasted solar array was out of the question, the only possible solar available for the project was thin-film solar. Fortunately, not only could Uni-Solar panels be adhered directly to the **2001 WVRS** membrane, by doing so, the roofing membrane is considered part of the solar equipment, therefore the roof also qualified for the 30% energy grant. The project's solar install time was also reduced over that of a 'power-mat' type application.

The building owner was able to secure an agreement with an energy wholesale investor, so as to have their roof replaced with the highest performing roof system, at no cost.

