

The revolution
in low-slope roofing



roof system

CASE STUDY

Crowne Plaza

Radco Roofing Utilizes V2T Roof on Crowne Plaza Project in Charlotte

The Crowne Plaza Executive Park Hotel is located at 5700 Westpark Drive in Charlotte, North Carolina and offers 297 rooms/suites with 5 concierge levels. Crowne Plaza discovered a few leaks in their existing roof system which resulted in closed hotel rooms and a loss of revenue. Since Crowne Plaza teamed with Radco on past projects, the facility reached out to Radco again when looking for a quick and cost-effective solution.

The Challenge

In an effort to accommodate guests staying at the hotel during the project, Radco needed a roofing solution that would be:

- » installed quickly and quietly
- » safe for workers, hotel staff, and patrons alike
- » durable and cost-effective



The Solution

Radco selected the V2T Roof System and it was installed as an 41,930 sq. ft. layover on the existing roof with insulation board and 80 Mil Carlisle TPO. It was a safe, cost-effective option that minimized noise disturbance and was much faster to install than the traditional adhered membrane.

In this application, the V2T system used less material making the loading time and installation faster than traditional methods. For instance, to load all the materials onto the roof to install a traditional roof system would have required carrying approx. 20-5 gallon buckets (each weighing 60 pounds) on the hotel freight elevator to the roof; the V2T roof system only required 6 V2T vents (each weighing 2 pounds). This saved Radco installation time, protected the roofers from unnecessary labor, and saved Crowne Plaza from paying for work that was easily avoidable.

The environmentally-friendly V2T Roof System eliminates the need for adhesives and screws by leveraging the power of the wind. Instead of fastening the insulation onto the deck, which also creates a lot of noise and disturbs guests, Radco loosely laid the membrane into the vented system. Traditional roof systems also use adhesives that emit fumes which can cause discomfort to those in close proximity, and are ultimately not good for people or the planet.



In the End

The final inspection was conducted by the manufacturer, Carlisle, who happily approved a 15 year material and workmanship warranty. Radco will also follow up yearly and provide a material and workmanship warranty for the first 2 years. The job was completed in 2 weeks instead of the 4-6 weeks a traditionally adhered membrane project would have lasted, and the hotel received no guest complaints about the project.

We consider this project a win for all!

About V2T Roof System

The V2T Roof System utilizes a patented vent system that leverages the power of the wind to hold down the roof membrane – The stronger the wind blows, the tighter the roof holds. This allows for a significant reduction in other materials such as adhesive, screws, and ballast. V2T has been tested at a NASA facility at the Langley Air Force Base, the Insurance Institute for Business & Home Safety (IBHS) & the Underwriters Laboratory (UL Test), among others, and has been tested to withstand wind speeds of up to 150 MPH. The V2T Roof System is backed by the same 20 year warranties as other top tier commercial roofs, easier to install, easier to maintain, more environmentally friendly, and has a lower cost of ownership. With millions of square feet already installed from the tropics to the coldest areas of the United States, the V2T Roof System is the obvious choice for low-slope roofs.

Learn more at www.V2TRoofSystem.com

About Radco Roofing

Radco Roofing specializes in commercial and industrial roofing and exterior maintenance; they have been keeping moisture out of buildings since 1987. Radco helps clients manage the entire roof maintenance process with services that include new construction, replacement and retrofit as well as emergency repair, maintenance contracts, roof condition surveys, cost, and budgeting analysis. Operating in both North Carolina and South Carolina, Radco strives to excel in client service orientation, timely service, quality workmanship, professional application, well trained staff, excellent safety record, and cost effective products. Learn more about Radco Roofing at www.radcoroofing.com

In general we believe that the V2T Vent Technology has a significant advantage in performance, installation, monitoring, environmental stewardship and cost than any other system on the market. To date, we have millions of square feet of roof in all climates that is providing these benefits to contractors, building owners, and manufacturers across the country.

To learn more about the V2T Roof System, visit us at www.V2TRoofSystem.com.

If you have a specific job in mind, you can complete the [Job Evaluation Request Form](#) and we'll get back to you within 48 business hours.



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