



**Smarter Vents.  
Simpler Installation.  
Stronger Roofs.**



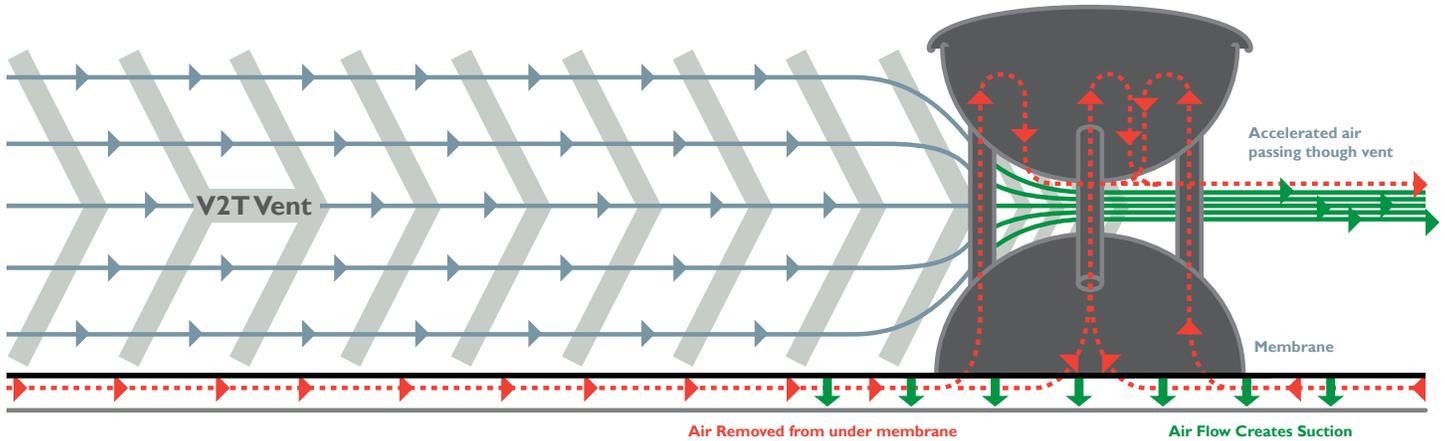
**roof system**

# V2T - The Science of Stronger Roofs Starts Here

The fact that roofs need vents to offset wind forces may not be new, but that doesn't mean you have to settle for a decades-old venting method that doesn't live up to modern-day technology and performance.

With V2T you get a state-of-the-art solution based on proven scientific principles for making roofs stronger. That's because only V2T actually uses the power of the wind itself to lock roof vents and membranes in place, and then even lock down tighter as the wind blows harder.

It's all because of the Venturi Principle - in which a vacuum is created whenever the speed of the wind moves faster than air in surrounding areas. Each V2T vent is designed to create that vacuum and then leverage its suction to pull air out from under membranes and lock vents into place. Uplift pressures are negated by the greater vacuum force created by each vent.



## PROVEN TO PERFORM

If the V2T Vent sounds like an exciting modern development, that's because it is. Never before has a roof venting system actually been created to work with the wind to create results... and the results are impressive.

To establish performance parameters of this breakthrough technology, a prototype of the V2T Roof System was tested in the high speed wind tunnel at Virginia Tech. Additionally, V2T was tested at a NASA facility at Langley Air Force Base, the Insurance Institute for Business & Home Safety (IBHS) and the Underwriters Laboratory (UL Certified), among others, and has been tested to withstand wind speeds of up to 150 MPH.

### NASA Wind Tunnel:

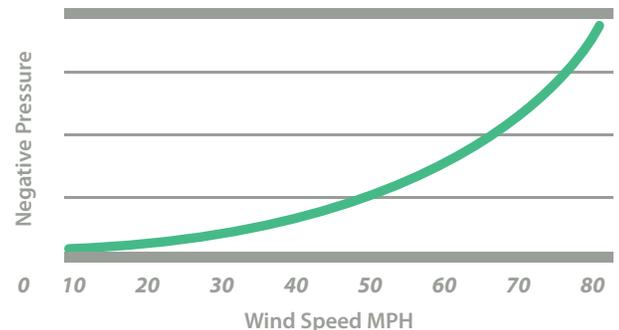
The NASA Full Scale Tunnel at Langley Air Force Base where V2T was tested in a full scale roof mock-up. These wind tests confirmed that the V2T Technology held the roof membrane in place with wind speeds approaching **category 1 hurricane force winds**.

### Underwriters Laboratory (UL):

The V2T Roof System is UL Certified with up-lift certification at 195 psf negative pressure. V2T achieved the maximum level on UL's static chamber test equipment – 278 pounds per square foot – without failure.

### Insurance Institute for Business & Home Safety (IBHS):

Tests were conducted on a full-scale building in the open jet wind tunnel which can reach speeds of 140 mph. Wind generation is produced by 105 (350 horsepower) vane axial fans independently controlled to produce real world open country flow and turbulence conditions. See full IBHS test report on [V2TRoofSystem.com](http://V2TRoofSystem.com)



*The stronger the wind blows,  
the tighter the roof holds.*

# Not Just Stronger... Smarter Too!

Unlike most new technologies, which are often incredibly expensive and difficult to implement, V2T simplifies and streamlines any low-slope roof repair or replacement. Without the need for thousands of nails and gallons of adhesive and ballast, V2T projects are quicker to install, more cost effective to complete, and are visibly superior to traditional methods when installation is finished.



## Other V2T Benefits Include:

- » Reduced exposure to weather during construction
- » Lower materials costs
- » Easier repairs and maintenance (you can simply cut it loose and reuse insulation)
- » Lower total cost over the life of the roof
- » The V2T Vent contains no moving parts
- » V2T patented technology is the only one of its kind in the world
- » The V2T is manufactured from a rigid plastic material that is strong enough to resist excessive wind speeds yet lightweight enough for ease of handling & installation

## Fastest... Easiest... and the Most Environmentally Friendly Roof System Available

That's an advantage that makes sense for any property.

## SMART ALSO MEANS ACCESS TO EXPERT SUPPORT

While there's plenty of science and research to reinforce why you should consider V2T - there's one factor we think is even more important: Service. That's because with everything that's depending on roofs and venting systems to protect, knowing that you can get in touch with our experts in roofing construction and design is more than reassuring... it's a direct path to results.



# The Power of Partnership

In addition to our commitment to our clients and roofing industry partners, V2T also works directly with manufacturers of premium quality roofing systems designed specifically for low-slope commercial and industrial roofs in both new and retrofit applications. V2T is committed to developing innovative technologies for the commercial roofing market to improve roof performance. Stop being worried by immediate and long term costs, energy and labor efficiency, durability, timelines, environmental concerns for both the building and the planet, safety and exposure to the elements during construction.

While these are key areas of concern for roof owners and property managers alike, the V2T Roof System cohesively addresses these concerns, providing a best in class solution for most low-slope roofs. Whether new construction or repair, concrete or metal, any sealed deck is an opportunity to leverage the V2T system for a longer lasting, more efficient, and lower cost solution.

NDL System Warranties offered through:



## The Revolution in Low-Slope Roofing Technology Has Arrived.



roof system

Find Out More About  
What V2T Can Do For You.

704-900-1220

[www.V2TRoofSystem.com](http://www.V2TRoofSystem.com)