



Welcome to the **2001 Company**,

I would like to take this opportunity to introduce you to **2001 Company, Inc.** 2001 Company is a manufacturer of negative pressure roofing systems for commercial and industrial facilities. We offer our patented wind vented roofing technology with many of the roofing membranes you are familiar with in today's roofing industry.

Our wind vented-self drying systems have been installed for over 22 years across the country on over 9,000 facilities. **The 2001 Company** has several high quality licensed applicators across the United States, Canada and the Virgin Islands.

Our roof systems are unique because instead of relying on fasteners or adhesives to secure our roof systems, we utilize wind generated negative pressure. This offers you a roof system capable of withstanding high winds without penetrating your roof deck. During installation of our roofing systems, we achieve an air seal around the perimeter, projections and penetrations. This one small step insures that no positive pressure from inside the facility will affect the new roofing system. After this, our roof system is installed loose laid across the field of the roof without the need for fasteners, adhesives or ballast.

Our patented one-way equalizer valves are installed around the perimeter of the roof where wind creates intense vacuum pressures. As wind blows across the roof, the equalizer valves take advantage of the natural vortex that occurs at the perimeter and corners of the roof. As this vortex blows across our valves a vacuum is created, this vacuum dispels air out from beneath the roofing system and draws the roofing system tight against the roof deck. Because of this, the harder the wind blows across your roof, the tighter the roof will hold down. We have had our roofing systems withstand hurricane force winds and even a F3 tornado without any failure of the roofing systems.

During recent testing for **Dade County** approvals on two of our roofing systems, we became the first manufacturer to ever take their testing apparatus to maximum uplift without failure. This was a staggering 255 Pounds Per Square Foot (psf). At Underwriters' Laboratories UL as well as Factory Mutual-FM Global Test Facilities we have also maxed out their equipment at 225 Pounds Per Square Foot (psf) for wind uplift security.

Do Note on Factory Mutual "FM Global" insured facilities: even though 2001 Co. has passed wind up lift testing with a loose laid waterproofing membrane C-EPDM, CPA, TPO, PVC, and Modified Bitumen without mechanical fasteners in the membrane or

glues and adhesives to adhere the membrane to a roof substrate **FM Global** requires fastening or adhering of the waterproofing membrane on their insured buildings. Factory Mutual Research has not given 2001 Co. an FM Global roof approval for loose laid membrane with 2001 wind up lift vented and air sealed roof systems.

On non FM insured buildings only: the roof waterproofing membrane is loose laid.

The Benefits of a Loose Laid Membrane are:

- 1) **Greater Energy Efficiency:** eliminating fastener thermal conductivity.
- 2) **Elimination of fasteners that would weaken a structural concrete deck:** with thousands of liner fastener holes.
- 3) **Elimination of expand and contraction stresses:** in a loose laid membrane
- 4) **Elimination of future fastener back out problems:** in single ply roofing.
- 5) **Cost of fasteners in installation and removal:** in future roof replacement.

One of the secondary advantages of our 2001 negative pressure roofing systems is that **we can vent moisture from an existing wet roof assembly.** As our roof systems begin their vacuum, moisture that is trapped in the existing roof system is vaporized and drawn out with the air. We have roofs that had as much as 75% moisture present, which dried out within the first 1½ years of installing the 2001 Vented System. This can provide the building owner with 90-100% of the original "R" value of the insulation in the old roof assembly. This 2001 drying aspect eliminates the need for a costly tear-off of the existing wet roof and a new insulation package in the re-roofing of an existing roof. This also helps in keeping unnecessary construction debris out of our landfills making for a greener environment.

We offer 2001 Roof Systems with **EPDM, PVC, CPA, TPO, Modified Bitumen, and Conventional Built-up Roofing Systems.** 2001 Company offers:

1. 10, 15, 20 and 30 year NDL warranty packages
2. Wind Rider up to 150 mph.
3. Hail Riders

Imagine a roofing system that is easy to install, can withstand high winds, doesn't have to penetrate your roof deck, is cost competitive, can save you from having a costly tear-off performed and can reduce your roofing budget by 10% or more a year.

Note: Carlisle and Sika Sarnafil have extended all their FM approval Roof Systems to 2001 Co. 2001 Co. patented air seal techniques for internal and external air infiltration into a roof assembly can be additionally used with the Carlisle and Sika Sarnafil FM approved roof systems along with **Equalizer Valves™** to enhance the **Wind Up Lift** and **Energy Efficient** of a roof assembly.

If we can be of future assistance our phone number is 1(800) 537-7663, facsimile number is 1(203) 573-0781.

For help with Building Code and UL and FM testing reports for approvals where 2001 Co. wind vented roof assemblies please call T. Kelly at 2001 Co. home office 1-800-577-7663