

2001 Company Vented Roof Miami Airport 1985-2000

Hurricane Proof Roofing Technology 3 Concourses

150 Miles Per Hour Wind Protection

Hurricanes:

- 1985 Bob & Kate
- 1986 Charlie
- 1987 Floyd
- 1988 Chris & Keith *
- 1989 Hugo
- 1990 Marco *
- 1991 Fabian & Ana *
- 1992 Andrew
- 1993 Emily
- 1994 Gordon
- 1995 Allison & Erin
- 1996 Fran
- 1997 Danny
- 1998 Earl
- 1999 Floyd & Gert
- 2000 ?....

* *tropical storms
winds under 100 mph*



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MIAMI FOREIGN INTERNATIONAL CONCONOURSE



17 plus years
and still

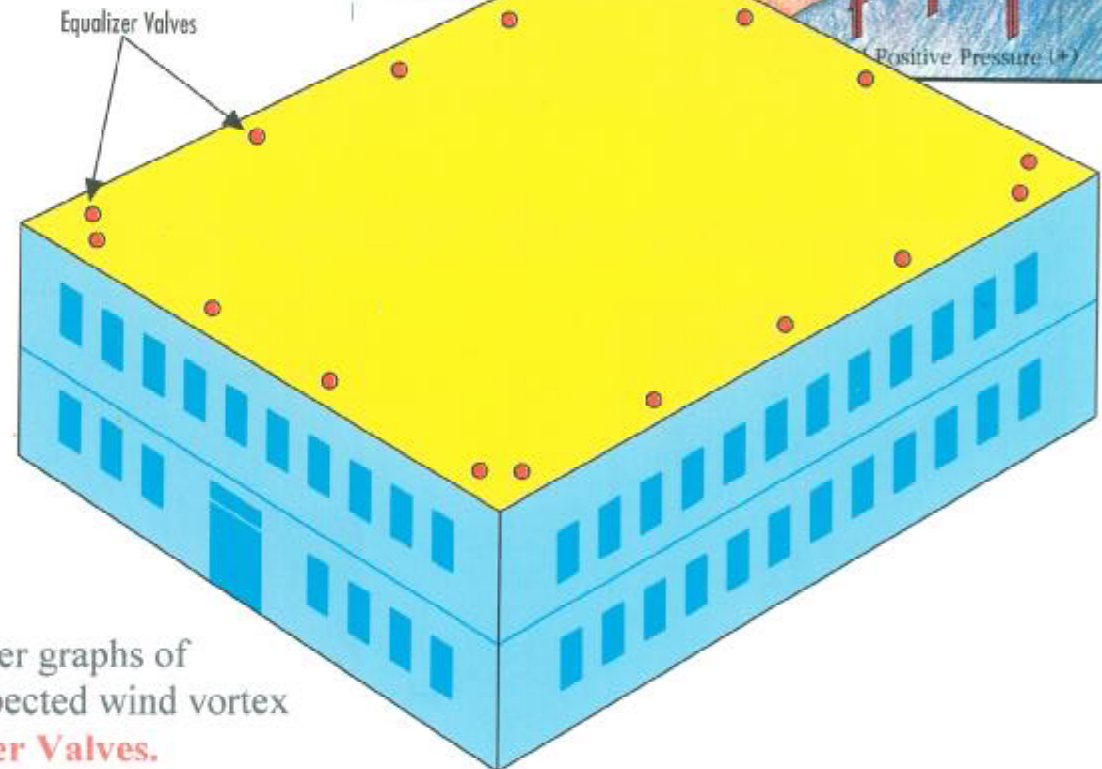
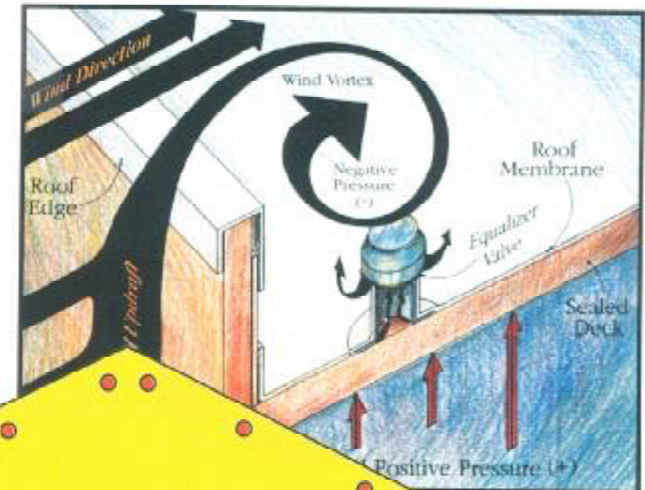
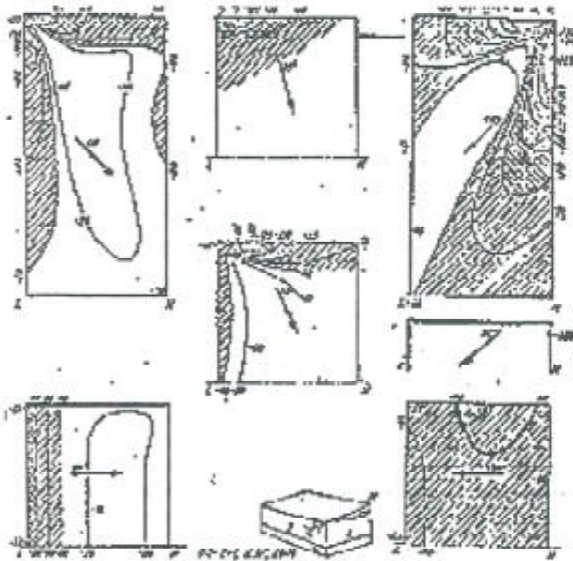
weathering
&
weathering
&
weathering

Notice: **Equalizer Valves** are strategically located along building perimeter edge to transfer wind generated vacuum pressures through the 2001 membrane to the concrete deck. The more the wind blows, the more the roof membrane is aerodynamically sucked down to the roof deck with 2001 Company patented technology.

Wind Over a Building Creates Vacuum Uplift Pressures

These vacuum pressures (called vortices) primarily occur along the perimeter edge and try to suck a roof assembly off of the deck. **2001 One Way Equalizer Valves** are placed in wind vortex intensity areas on a roof assembly to use wind generated low pressures to vacuum pack the roof to the deck.

Wind tunnel computer graph shows expected wind vortex intensities on perimeter edges of specific building shapes.



2001 Company uses wind tunnels computer graphs of various shaped buildings to match up expected wind vortex patterns in order to locate **2001 Equalizer Valves**.

Miami American Airlines International Concourse

CoPolymer Alloy CPA Roof Membrane Takes
17 Years Plus Abuse and Keeps On
Weathering & Weathering & Weathering.



2001 Company white, 50-mil CPA resists deterioration from Florida-intense Sun UV radiation, jet fuel residue, vent fan grease, & airborne micro-organisms, and **stays white and stays white and stays white.**

17 + Years Old 2001 CPA Still White!



Close up of 2001 CPA roof shows its ability to resist **organic growth** or airborne dirt on non-ponding sections.

Proprietary anti-fungicide chemistry stops mold and organic growth.

2001 Company CPA has a polyester reinforced center scrim and is 50 mils thick to resist the Florida-intense weather, **and keeps weathering & weathering. & Weathering.**

Miami American Airlines Domestic Concourse

2001 Company CPA Holds Up To 17+ Years Abuse



With all the mechanical equipment, pipes, blowers, HVAC, security lighting, etc., on the roof maintenance service will abuse the roof.

2001 CPA Reinforced Membrane withstands the service abuse well.

Plus, The Smooth surface roof membrane visually shows holes and defects.

Leak detection simplicity by **positive air pressure** under the 2001 membrane with a shop vacuum in the **“blow”** mode. The membrane can be sprayed with soapy water and leak deficiencies will bubble up similar to a hole in a tire. Once detected any holes are easily repaired with windex cleaning and a CPA heat welded patch.

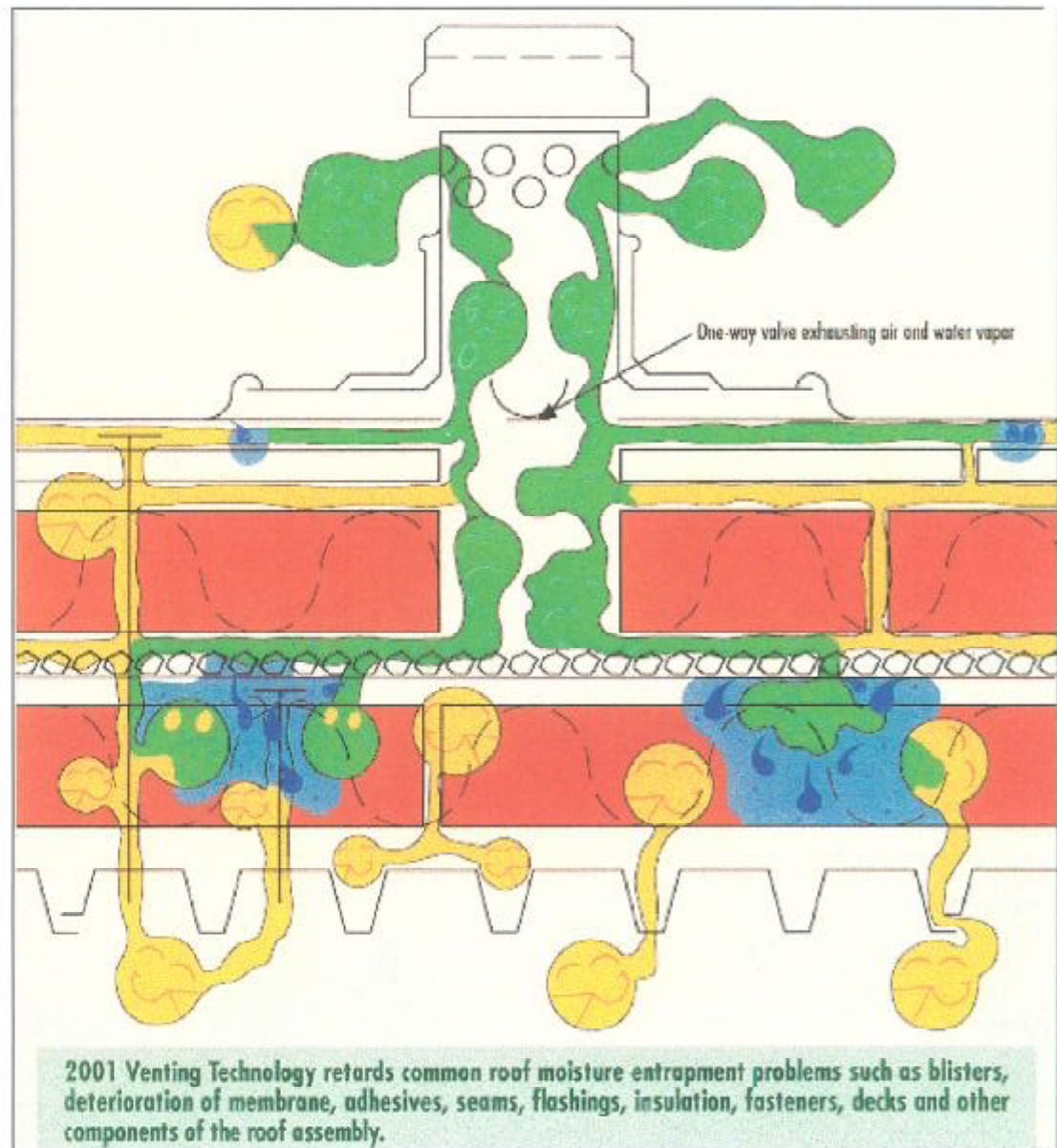
EQUALIZER VALVES VENT MOISTURE

2001 VACUUM VENTING

Of a roof assembly causes a **continual drying** of the roof substrate.

Wind generated low pressure transferred under the roof membrane **causes water in the roof assembly to vaporize**. Water in this gaseous state can then egress under the roof membrane and be drawn out through the **Equalizer Valves** when the wind blows

Should roof damage occur in the future, causing leaks, the wet roof insulation substrate will dry itself out through the **2001 Equalizer Valves**. Once the source of the leak has been repaired.



2001 Roofing Technology Miami Airport

17 Years Plus & Going Strong



2001 Unique CPA Formula:

1. Stays White
2. Always Welds
3. Resists Surface Fungi,
Oil and Dirt
4. Simple to Maintain
5. Proven Track Record of
 - Weathering the elements
 - Florida UV Sunlight
 - Tropical Rain daily
 - Algae Mold + Fungus
 - Hurricane Winds
 - Jet Fuel Pollutants

6. **15 – Year 2001 Warranty** for labor & material to fix leaks with **NO DOLLAR LIMIT.**
7. **150 MPH Wind Protection.**
8. Local licensed applicators for immediate service needs.

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