

2001 OVER **WET** SPRAYED IN PLACE FOAM



COSMETIC ESSENCE NJ

The Existing Spray Foam Roof Coating Cracked And Deteriorated Allowing Leaks Into The Building And Causing The Spray Foam To Absorb Water And Loose Its Insulation Value. The **2001 System** Will Waterproof The Building And **Dry Out The Wet Spray Foam.**



Preparation: Power Wash Clean Plus Puncture Wet Spray Foam Areas

Clean the Spray Foam Surface With A Power Wash And Remove Any Rough Surface. In areas Of Entrapped Water Puncture The Spray Foam Coating Down To The BUR Surface To Allow Water Vapor To Migrate Up Into The New 2001 System.



A 1/2" Hole Is Made Through The Foam Surface Down To The Existing Built Up Roof In Wet Areas One Every Two Square Feet To Vent Water Vapor. To Equalizer Valves To Dry The Wet Spray Foam.

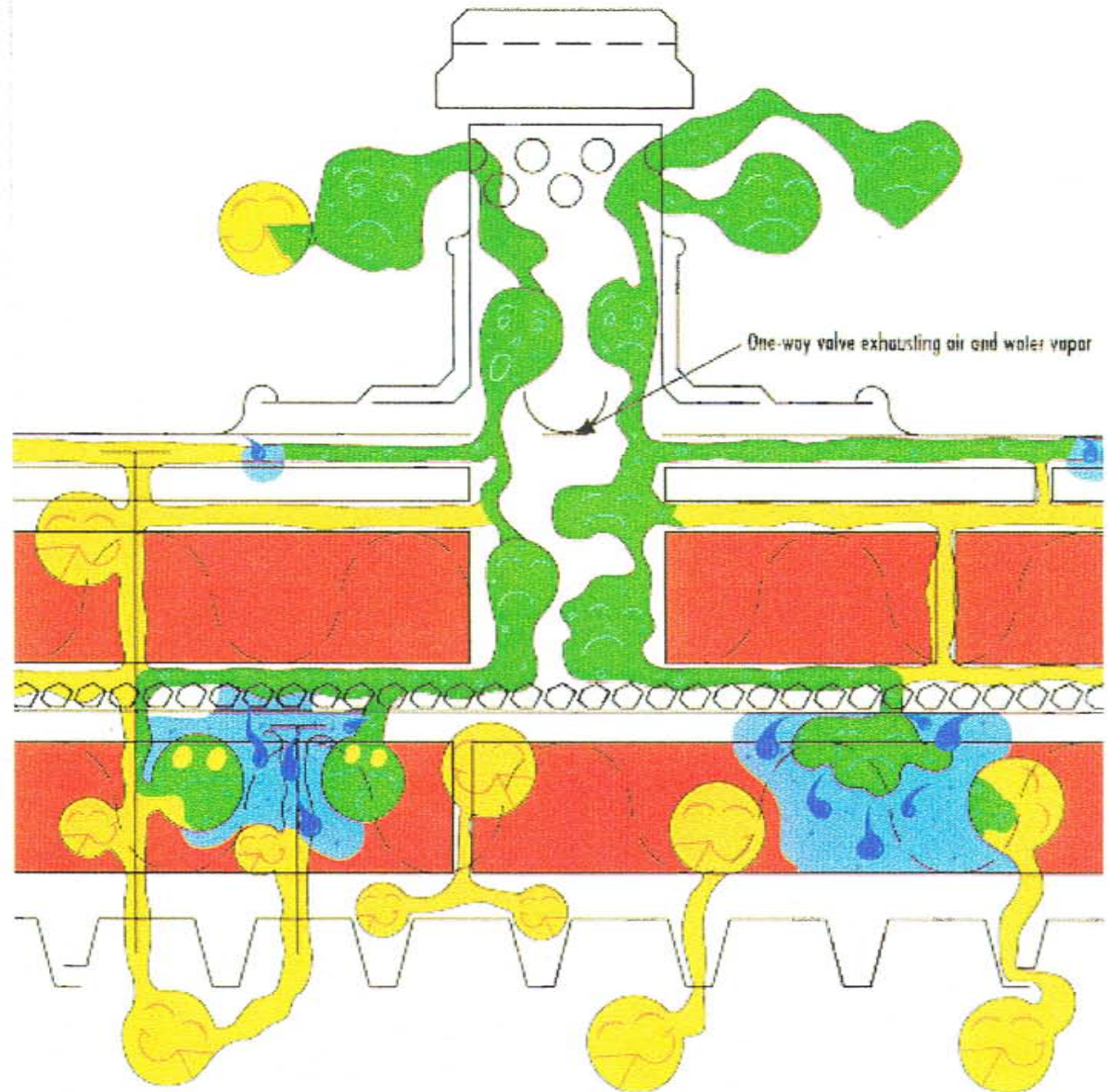
HOW 2001 SYSTEM DRIES WET SPRAY FOAM

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 Venting Technology retards common roof moisture entrapment problems such as blisters, deterioration of membrane, adhesives, seams, flashings, insulation, fasteners, decks and other components of the roof assembly.

PG. 5

2001 C-EPDM MEMBRANE APPLICATION ON SPRAY FOAM

1. Spray Foam Is Cut Away From Perimeter And Penetration Flashing Area Where Mechanical Termination Into A Vertical Wall Needs A Clean Solid Substrate.



2. [Air Seal Rope](#) is Stuck To The Foam In A parallel Line to The Perimeter edge 2' To 4' out where a clean smooth surface is avialiable.

2001 REVERSE COVER TAPE PERIMETER AIR SEAL ATTACHMENT



3. **9" Cover Tape Is** Laid Up Side Down Over The Air Seal Rope And Terminated Into **The Deck** With 2001 Termination Bars And Self Taping Metal Deck Screws.



4. **2001 Reinforced C-EPDM** Rubber Membrane Is Totally Adhered To The Spray Foam At The Perimeter Edge. The **9" Cover Tape** is stuck To The Underside Of The Reinforced Perimeter Membrane. To Provide an **Air sealed** Shear Termination Of Roof Membrane At The Perimeter.

5. 2001 50' X 100' UNREINFORCED FIELD SHEETS ZIPTAPED



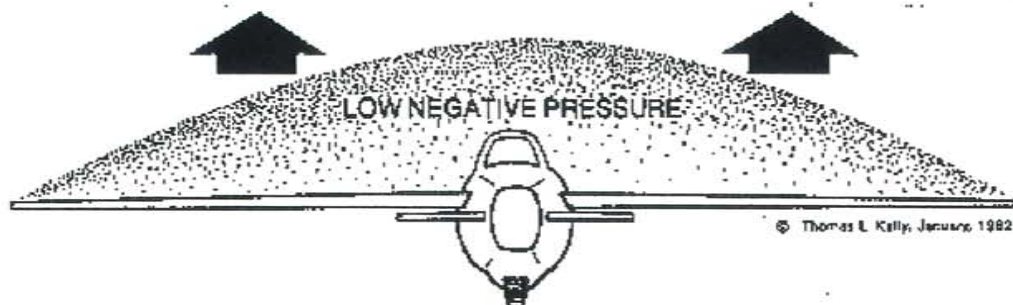
To Perimeter Reinforced In Front Air Seal 9" Cover Tape Of Perimeter Attachment Strip.



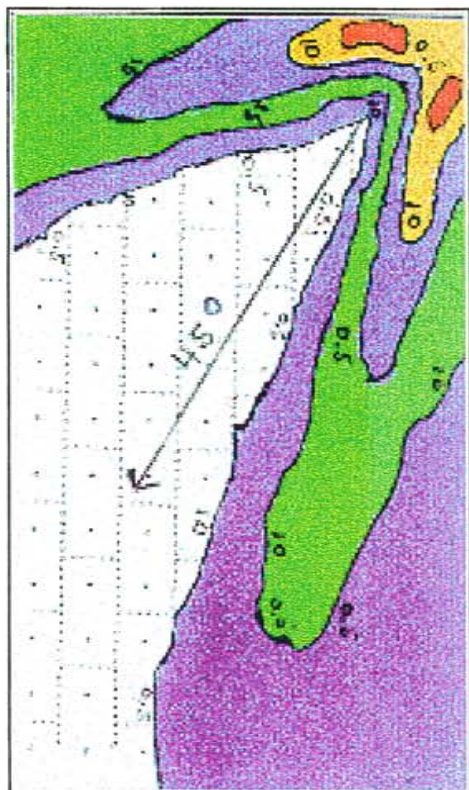
6. **2001 Equalizer Valves** Are Installed **ASAP** To Stabilize the Roof Membrane From High Winds And To Vent Water Vapor Out Of The Spray Foam.

2001 ROOFS USE AIRPLANE AERODYNAMICS

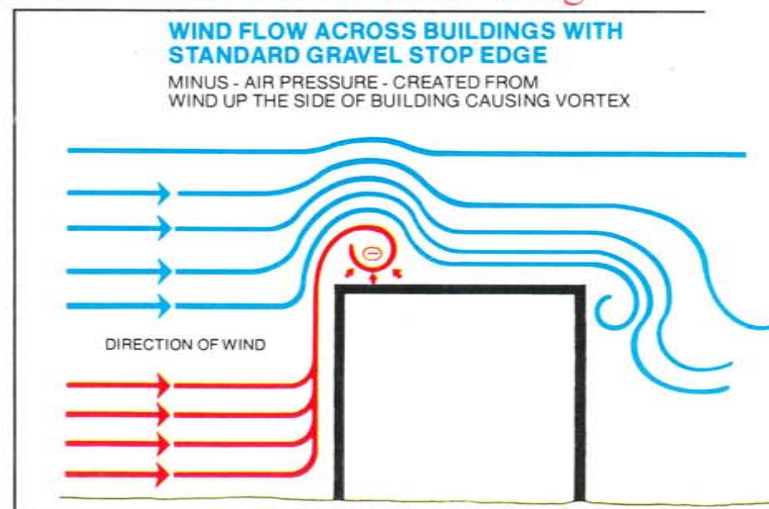
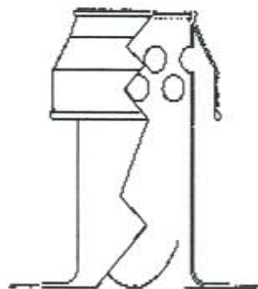
Wind Being Split By An Airplane Wing **Creates Low Vacuum Pressure** On The Top Surface Of The Wing **Sucking The Wing Upward Creating Lift.**



Wind Over The Edge Of A Building **Creates Low Pressure Vacuums** That Try To Suck A Roof Assembly Off The Building. These **Aerodynamics** Are **Similar To Lift On An Air Plane Wing.**



2001 Company Uses Wind Tunnel Studies Of Wind Vortex Intensities Over A Roof Edge To Locate The Best Placement Of **2001 EQUALIZER VALVES** That Are Installed Through The Roof Membrane And Components Down To The Sealed Substrate or Roof Deck Along The Roof Perimeter Edge.



Equalizer Valves Transfer Wind Generated Vacuum Pressure Into The Roof Assembly To **Aerodynamically Vacuum Packed The Roof Components** To The Roof Deck.

7. THE 2001 MEMBRANE IS MECHANICALLY TERMINATED AT

The Top Of The Vertical Wall
With 2001 Termination Bar.



Prior To Installation Of Termination Bar Behind The EPDM Flashing Membrane, **2001 Term Bar Tape A Soft Self Sealing Butyl Gum Tape** Is Installed On The Wall To Seal The Membrane To The Wall.

VERSITILITY OF 2001 TERMINATION BAR



8. EXPANSION JOINTS, PENETRATIONS, AND ROOF TOP EQUIPMENT ARE AIR SEALED AND BASE ATTACHED WITH 9" COVER TAPE

On Air Seal Rope

2' Out From The Penetration.



Field Membrane Is Attached To The **9" Cover Tape** From The Underside and Totally Adhered To The Spray Foam Around The Penetration as Flashing

9. DRAINS CLEANED AND AIR SEALED WITH REVERSE COVER TAPE



The Large Field Sheets Can Be Loose Laid Over The Drain During Production And Then Cut Out And **Cover Tape** Attached And **Adhered To Spray Foam**.



Or If Able During Field Sheet Installation **Cover Tape Attached**, Adhered To The Spray Foam And **Water Cut Off Mastic Sealed** Into The Clamp Ring Drain Collar.

10. LARGE 50' X 100' SHEETS ARE "X" OVER PENETRATIONS

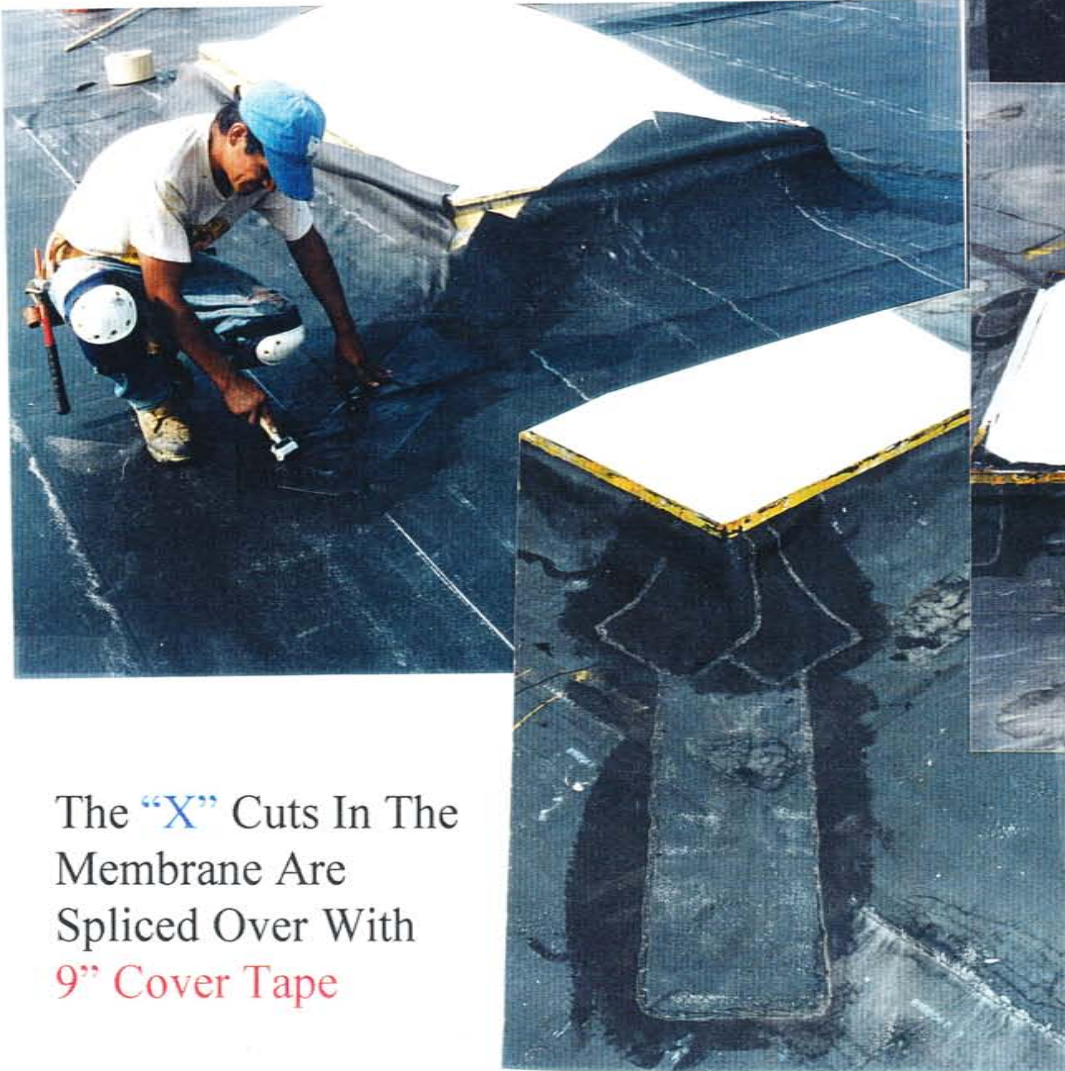
The Pie Pieces Are Folded Back To Expose The Reversed Cover Tape, 2001 Air Seal And Anchor Strip.



The 9" Cover Tape Release Paper Is Removed And 2001 Co. Talc Eater Primer Is Installed On The Underside Of The Field C-EPDM Membrane Before It Is Rolled Into The 9" Cover Tape Termination.

11. FIELD MEMBRANE USED AS CONTINUOUS FLASHING UP VERTICAL WALL

The C-EPDM Fire Retardant UL Class A Field Membrane Is Totally Adhered to The Existing Spray Foam Roof From The Air Seal Base Termination To The Top Of The Penetration.



The “X” Cuts In The Membrane Are Spliced Over With 9” Cover Tape



12. The Outside Corners Receive Two Plies Of 2001 Uncured Flashing Rubber Set In Rubber To Rubber Adhesive. Flashing Edges Are Caulked With EPDM Paste Sealant.

2001 REVERSE COVER TAPE AIR SEAL ATTACHMENT Simplified Detailing And Flashing With 50' X 100' Sheets



Cosmetic Essence Perfume Plant New Jersey **300,000** Square Feet

2001 Co. PO Box 2557 Wtby, CT 06723 **(800) 537-7663** Jan.97