



January 2, 2015

**2001 Company Wind Vented Self Drying Re-roof System  
Using Upside-Down Cover Tape Air Seals for EPDM  
On Existing Smooth Surface Roof Assemblies  
For up to 80MPH Wind Riders\* Available**

**Summary Specification Up-Side-Down Cover Tape Air Seal**

**Preparation**

1. **Hand sweep dirt and debris:** from the existing roof surface.
2. **Where blisters, raised wrinkles and roof surface irregularities exist:** cut and lay them flat or remove and patch where necessary to maintain a smooth roof surface, to install a new 2001 reroof assembly.
3. **Install 2001 Co. Up-Side-Down Reinforced Cover Tape Air Seal Detail:** over the existing smooth surface roof at perimeters and penetrations over 1” mastic tape mechanically fastened to the roof deck with 2001 Terminator bar, 7” OC, using 2001 approved fasteners.
4. **2001 Co. Optional Approved Gravel Separator Mat:** is loose laid over repaired roof substrate and viscous roof coating and abrasive surfaces so the existing roof surface will not deteriorate or erode the new 2001 Co. C-EPDM or TPO waterproofing membrane from the underside.
5. **Loose lay 2001 Co. 45 C-EPDM membrane** over the existing smooth surface roof and optional separator layer.
6. **The Upside Down Cover Tape Air Seal:** is seamed onto the underside of the field membrane at perimeters and penetrations.

\*Wind Rider specific MPH wind speed needs to be a pre-approved by 2001 Co. on every project.

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7. **Use the C-EPDM Field Membrane as a continuous Flashing Membrane:** adhered to the existing membrane wherever possible. Remove existing deteriorated flashing where it exists.
8. **Finish Flashings on Roof Penetrations and Roof Perimeter Edges** are installed to 2001 Co. specifications and details.
9. **New pipe boots are installed on plumbing vents:** Use 2001 Co. round termination bars at the angle change transition followed by sealant and stainless steel clamping rings on the top edge.
10. **Internal roof drains:** are reinstalled with clamp ring and water cut off mastic under field membrane.
11. **Termination Bars** are installed on the top edge of exposed vertical wall flashings with term bar tape. T-Bars are installed in a convex compression and not flat with a caulking lip.
12. **2001 Co. Equalizer Valves™** are installed on the C-EPDM membrane in the Wind Vortex Intensity Zones to the 2001 Co. Equalizer Valves™ 0placement diagram for increased wind resistance and continuous water vapor venting for drying of a wet roof substrate.

**DO NOT CUT THE AIR BARRIER**