



January 2, 2015

Summary Specification

Maintenance Warrantee Extension Up to 30-Years With .090

2001 Co. Skinning an Existing 2001 Co. Roof Membrane

With a New C-EPDM Membrane

Using the Existing Angle Change Terminations As a Shear Skirt

Wind Rider* Dependent on Existing Roof

Section 1 - Preparation of the Existing Roof:

1. Clean the existing roof surface of all dirt and debris.

Be careful if a power washer is used, do not blow apart existing seams and flashings.

2. Repair or replace oil or chemical contaminated existing membrane and contain the source of contamination. Oil dripping from compressors, exhaust vents, etc. need oil resistant membrane (epichlorohydrin) patch on top of C-EPDM, a drip pan with industrial Scotch Bright pad or some other method to handle oil and chemical spills.

3. Remove tenting fasteners or substrate up-rises that will abrade the new EPDM membrane from the underside or could cut through the new roof membrane during snow removal or in future work with people and equipment egressing across the roof.

4. Refasten or reinstall existing angle change terminations that are deficient.

*Wind Rider MPH is depending on existing roof wind resistance

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Section 2 - Installation of the New 2001 Co. Wind Vented C-EPDM Membrane

1. **Use the existing totally adhered membrane and angle change termination as a 2001 Co. Shear Skirt Air Seal:** by installing a 6” in-seam seam tape on the existing membrane at the existing angle change terminations, thus making the existing roof RUSH strip a Shear Skirt for the new 2001 Co. Field Membrane.
2. **Clean and prime** the existing angle change termination areas that will receive the new six inch (6”) in-seam zip tape with the following procedure:
 1. Clean the existing membrane horizontal angle change surface with “Spick & Span” Sodium Phosphate and water by:
 2. Scrubbing the surface with synthetic scrub pad (Doodle Bug);
 3. Vacuum up dirty water with a shop vacuum;
 4. Final clean surface to receive six inch (6”) in-seam EPDM double sided tape with Windex glass cleaner and clean rags;
 5. Install 2001 Co. Seam Primer with synthetic scrub pad (Doodle Bug) scrubbed into the existing membrane surface; and
 6. Install 2001 Co. in-seam zip tape in front of Equalizer Valves™ if the existing roof was a 2001 Co. Wind Vented Roof Assembly.
3. **Loose lay a new 2001 Co. C-EPDM roof water proofing membrane:** directly over the existing membrane and seam the new membrane to the existing before perimeters, penetrations, and angle change terminations.

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Warning: Vertical Wall Flashings that need to be redone on nursing homes, food processing,

hospitals and alike buildings: that are over sensitive to smells, instead of using bonding adhesive that has offensive smells for vertical wall flashings, an option is to prime the existing flashing membrane and use 6” (6 inch) in seam EPDM, double sided tape to flash vertical walls and penetrations. See 2001 Co. for specific 2001 co. approved details.

4. **On parapet and abutting vertical wall flashings:** an 8” (eight inch) wall flashing height is recommended. When the new 2001 field membrane is seam taped to existing intact compatible wall flashing membranes, a termination bar is not required on the top edge if the existing flashing is properly installed and intact. (new warranty as per work completed)
5. **Re-use existing 2001 Co. Equalizer Valves™ in the Wind Vortex Intensity Areas** according to the 2001 Co. diagram. Remove the valve cap and cut the Equalizer Valve hole through new membrane while totally adhering the new to old membrane around the perimeter. Install a new 2001 Co. boot flashing. Reinstall the valve cap with four (4) pop rivets in the side of the Equalizer Valve™.
6. **Do Not Damage the** 2001 Wind Vented System AIR SEALS on the roof deck or substrate or around perimeters and through roof penetrations. Repair all original air seals.
7. **Finish Flash perimeter and penetrations** per 2001 Co. specifications and details.
8. **Doing a section of the roof:** the new section can be seamed into the existing compatible roof membrane with 2001 Co. 6” (six inch) double-sided in seam Butyl Zip Tape. This tie in seam is then and covered over with 6” (six inch) cover tape.

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9. **Install optional sheet metal accessories:** caps, gravel stops, counter flashings, gutters, scuppers, drains, etc. to NRCA standards.
10. **Optional accessories:** walkway pads, equipment sleepers, pipe stanchions, and other accessory equipment are installed to 2001 Co. details where directed by the Owner.
11. **Maintenance Warranty Exclusions:** If the building owner desires, the curb flashings, the wall flashings, and the perimeter edge flashings can remain original and flashed or finished at a later time. This work can be added to the warranty extension when completed. New membrane can be terminated with six inch (6”) seam tape or welded to the original as per 2001 Co. approved details.
12. **Wind Riders** depending on existing, but with a new Hurricane Back Wrap detail installed, wind riders up to 120 MPH are available. Contact 2001 Co. for details.