



January 2, 2015

**Summary Specification (Gravel BUR)**  
**2001 Co. Wind Vented Self-Drying Re-Roof System**  
**Using Direct Termination Air Seals for an 80 MPH Wind Rider**

(Available if all 2001 Co requirements are met)

1. **Hand sweep or vacuum loose gravel** to be removed from existing roof surface.
2. **Blisters, raised wrinkles, and other raised areas** are cut and laid flat or removed to provide a smooth flat substrate for the new 2001 Co. wind vented assembly.
3. **Repair weak deck areas** if required and repair air barrier with compatible products.
4. **Repair holes in the existing membrane** with an adhered patch of compatible roof membrane. The existing roof membrane is the air barrier and it must be maintained on air permeable deck.
5. **Install 2001 Co. direct air seal terminations** around the perimeter and around penetrations on the roof with 2001 Co. termination bars fastened at seven inches (7") on center over term bar tape low into the existing angle change flashing.

Always leave two inch (2") minimum of reinforced membrane past the termination bar for added pull-out resistance.

Always use 2001 Co. approved PIN and Direct Termination details.

Always use reinforced membrane (or 090 EPDM) for this air seal termination.

If direct termination fasteners are anchored through the existing flashings into the wood blocking, confirmation of the blocking securement is required. All fasteners should produce a minimum of 600 lbs. pull-out.

6. **2001 Co. approved gravel separator mat** is loose laid over the roof gravel. Fasten the mat ten feet (10') on center in the overlapped seams with screws and plates into the roof deck if the wind is blowing during installation.
7. **Optional separator or rigid roof insulation and weighted cover board:** For greater energy efficiency, loose lay rigid insulation and loose lay weighted cover board. If this added insulation option is chosen, the termination may need to be revised to assure an air seal. The direct termination must be installed to an air sealed component of the original roof system or a new air seal must be completed. Submitted PIN details MUST show added insulation if installed.

8. **Loose Lay** 2001 Co. membrane over the separator mat and terminate per 2001 Co. approved details.
9. **Flash parapet walls and curbs** per 2001 Co. details. On vertical walls adhere the field membrane up and over the perimeter and wall flashing surfaces and install a seam at the base of the flashing.
10. **Termination bars** are installed on the top edge of the wall flashings. Extender metal or counter flashings that are pinned only, are NOT acceptable.

**NOTE:** DO NOT flash above through wall counter flashings.

11. **Finish flashings on through roof penetrations** are installed per 2001 Co. specifications and details.
12. **2001 Co. Equalizer Valves™** are installed per job specific 2001 Co. approved valve layout. Cut the six inch (6") hole for the Equalizer Valve™ through the new membrane. **NEVER cut through the air barrier membrane.**