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## **2001Co. Up Side Down Cover Tape (or Double RPS) Patented Air Sealing Techniques For Reroofing Over an Existing Smooth Surface Roofs Up To 80 Miles Per Hour Wind Riders\* Introduction**

**Upside Down Cover Tape Air Seal Details** are patented cost effective perimeter and penetration roof membrane termination techniques that use the field membrane as a flashing in itself at angle change terminations.

A seven inch (7") reinforced cover tape is mechanically fastened over an existing smooth surface roof assembly to the structural deck with 2001 Co. termination bars and with the release paper side up, six or more inches out from the angle change and eighteen inches (18") in from the perimeter edge.

The field membrane is loose laid over the field of the roof and adhered on the underside to the upside down cover tape before angle changes and at the roof perimeters. ( or use Double RPS)

The field membrane is then adhered up the adjoining angle change, curb, penetration wall, cricket, or perimeter edge as a flashing in itself.

### **Benefits Of Upside Down Cover Tape Air Seals**

- 1) The field membrane air seal termination is accomplished out from the angle change expansion and contraction movement of a vertical wall and horizontal deck that can adversely affect angle change terminations.
- 2) The field membrane termination is held in stronger shear force compared to weaker peel forces if terminated on a vertical wall.
- 3) The air seal termination has all the fasteners concealed under the field membrane with no fasteners penetrating the field membrane.
- 4) The Up Side Down Cover Tape roof deck termination is not affected like vertical wall angle change termination that will deteriorate from masonry walls, wicking water and corroding fasteners, or freeze thaw push out of the fastener in pre-drilled masonry anchor holes.
- 5) Building expansion and contraction of a vertical wall against a horizontal roof deck force does not stress these angle change terminations.

\* For Wind Riders over 80 mph 2001 Co. must evaluate the existing roof specific construction and roof deck fastener holding capability.