



January 2, 2015

Summary Specification for the Hurricane Back Wrap Air Seal

2001 Co. Wind Vented Re-Roof Over Existing Mechanically Fastened or Fully Adhered Roofs That Can Function as an Air Barrier Over a Fastenable Deck

Determine which existing roof component will/can function as the air barrier in the new 2001 Co. Wind Vented Roof System.

Roof Prep

- Sweep, vacuum, or remove existing loose stone or debris.
- Repair (with compatible products) existing holes, bridging and flashings on the membrane that is functioning as the air barrier.

Additional Insulation and Cover Board (maybe optional)

- Overlay the existing roof with approved cover board or separator sheet if required. Smooth roofs may not need a separator. Contact 2001 Co. Technical Department for details. If additional insulation is needed, ISO or EPS Boards can be loose laid and then overlaid with an approved cover board.

Hurricane Back Wrap Air Seal Details

- Install Hurricane Back Wrap details at the perimeter edge and around all roof penetrations. If additional insulation was added, an air seal must be installed between each layer. The Hurricane Back Wrap detail must create compression and air seals between each layer and directly to the existing functioning air barrier. Fasten the Compression Board with two inch (2") seam plate washers and the appropriate fastener to achieve a minimum of a 600 lb. pullout.

Flash Interior Penetrations – using 2001 Co. approved flashing details

- If possible, remove units and install membrane over the top of the curb and reinstall.

Flash Parapet Walls using 2001 Co. approved wall flashing details.

- NEVER cover through wall flashings unless installing the 2001 Co. Vented Wall System.
- Mechanically fastened wall flashings over 18" are required in states requiring low VOC adhesives.
- All walls over 48" require mechanical fastening.

Flash Drains

- If using the Hurricane Back Wrap detail for drains you may need to sump or remove the existing roofing around the drain and repair the existing air barrier prior to installing the Hurricane Back Wrap. This will recess the Hurricane Back Wrap and allow water to drain freely.

- Install waterblock in the compression area under the drain ring and tighten all drain bolts.
- Depending on the wind requirement of the roof system, the shear skirt or upside-down cover tape (RPS) details may be options to consider.

Equalizer Valve™ Installation

- Install valves in locations indicated on the job specific 2001 Co. approved valve layout.
- Cut a six inch (6”) hole through the new membrane and through any other roof components, down to the functioning air barrier. **DO NOT CUT THE FUNCTIONING AIR BARRIER!**
- It is recommended to install the Equalizer Valves™ daily.