

Earthquake Wall to Deck Air Seal - Up to 150 MPH Wind Rider

Spring flange, 22 gauge galvanized steel, air seal on monolithic deck to free standing wall (tilt up wall to free standing concrete deck) to take up building movement from an earthquake.
 This detail will also air seal the deck to wall expansion area to reduce the building's internal Positive air pressure infiltrating into the roof assembly, for up to 150 MPH Wind Rider.

Note: 2001 Co Recommends installing crickets on top of finish membrane if this detail is used

Height Necessary to be 4" Above Finished Roof Height

22 gauge minimum steel L Flange 100+ degree bend

4"

2001 Co. Fireguard Gravel Separator Mat

60 mil Reinforced Shear Skirt

60 mil C-EPDM Field Membrane adhered to shear skirt and up the vertical flashing wall

Term Bar Tape

1/2" Dens Deck

Existing Membrane

3" ISO adhered with adhesive foam





Filler Insulation




Air Seal rope 22 gauge steel spring Flange 100+ degree bend to hold air seal rope in compression to stop air infiltration into the roof assembly between the deck and wall

6" Poured in Place Concrete Deck

Urethane Spray Foam (Froth Pack)

C-EPDM
Step 6 of 6

-  4" Seam Tape
-  Adhesive
-  Insulation
-  Air Seal Rope

-  Concrete
-  OSB Board
-  Gypsum

Steel Spring Flange

Dwg #: SteelSpringEPDM6	Drawn by: Delventhal
Rev. Date: 8/11/10	Approved by: TK
Dwg. Date: 9/02/08	Scale: NTS

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