

Earthquake Spring Flange Wall to Deck Air Seal Up to 150 MPH Wind Rider

Spring flange, 22 gauge galvanized steel, air seal on poured in place monolithic concrete deck to free standing wall.
Spring Flange designed to take up building movement from an earthquake, and air seal deck to wall expansion area

Note: 2001 Co Recommends installing perimeter, positive water flow crickets on top of field membrane when the spring flange air seal is used

Height Necessary to be 4" Above Finished Roof Height

22 gauge minimum steel L Flange 100+ degree bend

Term Bar Tape

Reinforced Field Membrane or Shear Skirt EPDM

1/2" Dens Deck

1/2" Gypsum

Existing Roof Assembly

Air Seal rope

22 gauge steel spring Flange 100 degree bend to compress Air Seal Rope into poured in place concrete

150 MPH Plus Wind Rider on monolithic, poured in place concrete deck

EPDM

4" Seam Tape

Adhesive

Insulation

Air Seal Rope

Concrete

OSB Board

Gypsum

Steel Spring Flange

Dwg #: SteelSpringEPDM3

Drawn by: WTW

Rev. Date: 10/26/09

Approved by:

Dwg. Date: 5/30/06

Scale: NTS

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