

DIVISION 7 BINDER  
VENT STACK DETAIL

- I. EXISTING DECK OR AS SPECIFIED.
2. SOIL STACK PIPE.
3. PRESSURE TREATED WOOD BLOCKING, PRIME EXPOSED SURFACES WHEN INSTALLED
4. INSULATION(S) AS SPECIFIED IN ONE OR TWO LAYERS, ADHERED WITH HYBOND INSULATION ADHESIVE, MECHANICALLY ATTACHED, ADHERED IN HOT ASPHALT, OR AN APPROVED COMBINATION OF THESE METHODS. INSULATION SURFACE OR SUBSTRATE TO WHICH HYBASE IS TO BE ADHERED TO MUST BE PRIMED WITH ASTM D41 PRIMER. ENSURE PRIMER IS THOROUGHLY DRY BEFORE INSTALLING THE HYBASE SAM FIELD OR PICTURE FRAME SHEETS.
5. HYBASE SAM INTERPLY FIELD SHEETS MUST BE INSTALLED SO THAT THEY ARE FITTED TIGHTLY TO THE SOIL STACK PIPE.
6. HYLOAD WS FINISH PLY FIELD SHEETS INSTALLED SO THAT THEY ARE FITTED TIGHTLY TO THE SOIL STACK PIPE. WELD ALL SEAMS DAILY.
7. DSA TAPE MUST BE INSTALLED ON THE HYLOAD WS FIELD SHEET DIRECTLY BELOW THE FLANGE ON THE SOIL STACK COVER. REMOVE THE RELEASE PAPER FROM ONE SIDE AND ADHERE IT SO THAT IT COMPLETELY COVERS THE AREA UNDER THE FLANGE AND THAT IT (DST TAPE) EXTENDS 1" PAST THE EDGE OF THE FLANGE WHEN THE FLANGE IS SET IN POSITION.
8. MINIMUM #4 LEAD SOIL STACK COVER; MUST HAVE BOTH SIDES OF FLANGE PRIMED WITH ASTM D 41 PRIMER. REMOVE THE RELEASE PAPER ON THE PREVIOUSLY ADHERED DSA TAP. INSTALL THE LEAD SOIL STACK COVER ON THE PIPE, AND POSITION AND COVER SO THAT THE FLANGE WILL HAVE 1" OF DSA TAPE PROTRUDING UNDER THE FLANGE ON ALL SIDES. TAP FLANGE INTO THE DSA TAPE WITH A HAMMER AND A SMALL WOOD BLOCK. NAIL THE FLANGE TO THE WOOD BLOCKING BELOW; DO NOT CREATE DIVOTS IN THE LEAD SURFACE.
9. A HYBASE SAM TARGET PIECE (36" X 36") MUST BE MADE HAVING A HOLE CUT IN THE CENTER WHICH WILL HAVE A DIMENSION 3" LARGER THAN THE DIAMETER OF THE LEAD SOIL STACK COVER. CUT THE RELEASE PAPER IN PIECES FROM THE CENTER OF THE PIECE OUT TO IT'S EDGE, TAKING CARE NOT TO CUT INTO THE ADHESIVE. PLACE THE PREPARED PIECE OVER THE PIPE AND POSITION IT ON THE FLANGE SO THAT THE EDGES ARE PARALLEL WITH THE EDGES OF THE FLANGE, AND ALL PINTS ON THE OPENING IN THE MEMBRANE ARE EQUAL DISTANCE FROM THE LEAD SOIL STACK. REMOVE THE RELEASE PAPER AND ADHERE INTO PLACE WITHOUT TRAPPING AIR OR CAUSING WRINKLES.
10. PREPARE A HYLOAD WS TARGET PIECE 42" X 42" AND MAKE A CIRCULAR OPENING 1/2" LARGER THAN THE DIAMETER OF THE LEAD SOIL STACK COVER. INSTALL THIS PIECE IN THE SAME WAY THAT THE PREVIOUS TARGET PIECE WAS INSTALLED AND WELD THE SELVEDGES ON EACH SIDE TO THE FIELD SHEETS ON THE ROOF. INSTALL AND END LAP SPLICE STRIP 6" X 44" OVER THE CENTER OF THE REMAINING SIDES WHICH HAVE AN EDGE WITH EXPOSED ADHESIVE. WELD THE FOUR SIDES OF THIS STRIP. END LAP SPLICE STRIP TO COVER THE ADHESIVE END LAPS IS NOT SHOWN ON THE SINGLE DIMENSION DRAWING.
- II. CAULK THE NECK OF THE LEAD SOIL STACK LIBERALLY AND ENSURE THAT THE TOP OF THE LEAD IS TUCKED DOWN IN TO THE OPENING IN THE TOP OF THE SOIL STACK.

NOTE: A REFLECTIVE COATING MAY BE APPLIED TO ALL HYLOAD VERTICAL FLASHING SURFACES AS WELL AS THE SURFACE OF ALL CANT STRIP AND BEVELED AREAS.

NOTE:

CHEM CURB AS MANUFACTURED BY CHEMLINK MAY BE USED AS AN ALTERNATIVE FOR SEALING ROOF PENETRATIONS. FOLLOW INSTRUCTIONS AS PROVIDED BY CHEMLINK.



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VENT STACK FLASHING (FOR  
SELF-ADHERED APPLICATIONS)

DWG NO.

PMR004A