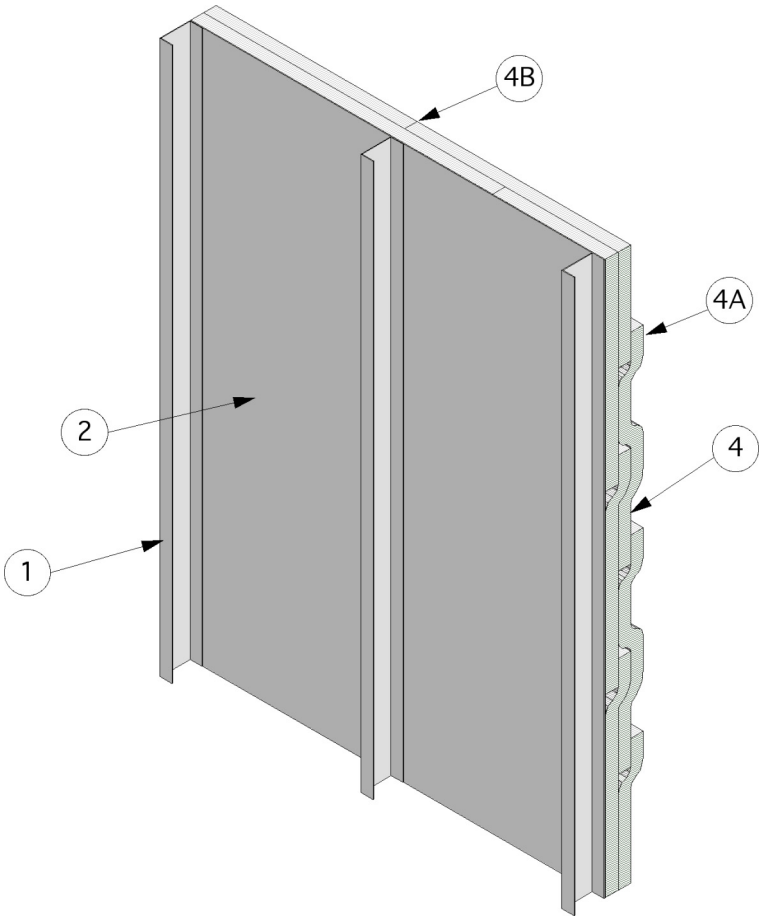
Design No. NBW 337

NON-BEARING WALL

Assembly Rating – 2 hr



1. STEEL FRAMING: Use min. 25 GA. 3-5/8-in. galvanized steel studs spaced max. 24-in. o.c. into 25 GA. galvanized steel runners at the top and bottom. Secure steel studs into place with sheet metal screws.
2. STEEL PANELS: Clad steel framing with a single layer of min. 16 GA. sheet steel, attached to the studs with No. 8, 3/4-in. long bugle head sheet metal screws, spaced nominally 8-in. o.c. along all studs and runners.
3. FASTENERS: The face of the steel panels were affixed with 5-in. long 12 GA copper coated mild steel impaling pins, spaced 6-in. from the perimeter of the wall and 12-in. o.c. Apply the pins with a capacity discharge welder. After the insulation (Item 3) is placed over the impaling pins, secure the wrap in place to the pins with galvanized steel speed washers.
4. INSULATION: Cover the steel panels with two layers of min. 1-1/2-in. thick by min. 48-in. wide Firetemp™ Wrap with a nom. density of 8 pcf. Place the first layer of insulation horizontally starting from the top down. Overlap each adjacent run (4a) of insulation a min. 3-in. creating three layers at overlap. Compress all ends of a run a min. 1-1/2-in. that form a butt (4b) joint. Offset all butt joints a min. 12 in. Place the second layer so that all horizontal lap joints of the first layer are offset a nom. 24-in

Listed Manufacturer:

Johns Manville Corporation --

Applied Fireproofing

Ceramic Blanket

Firetemp™ Wrap

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