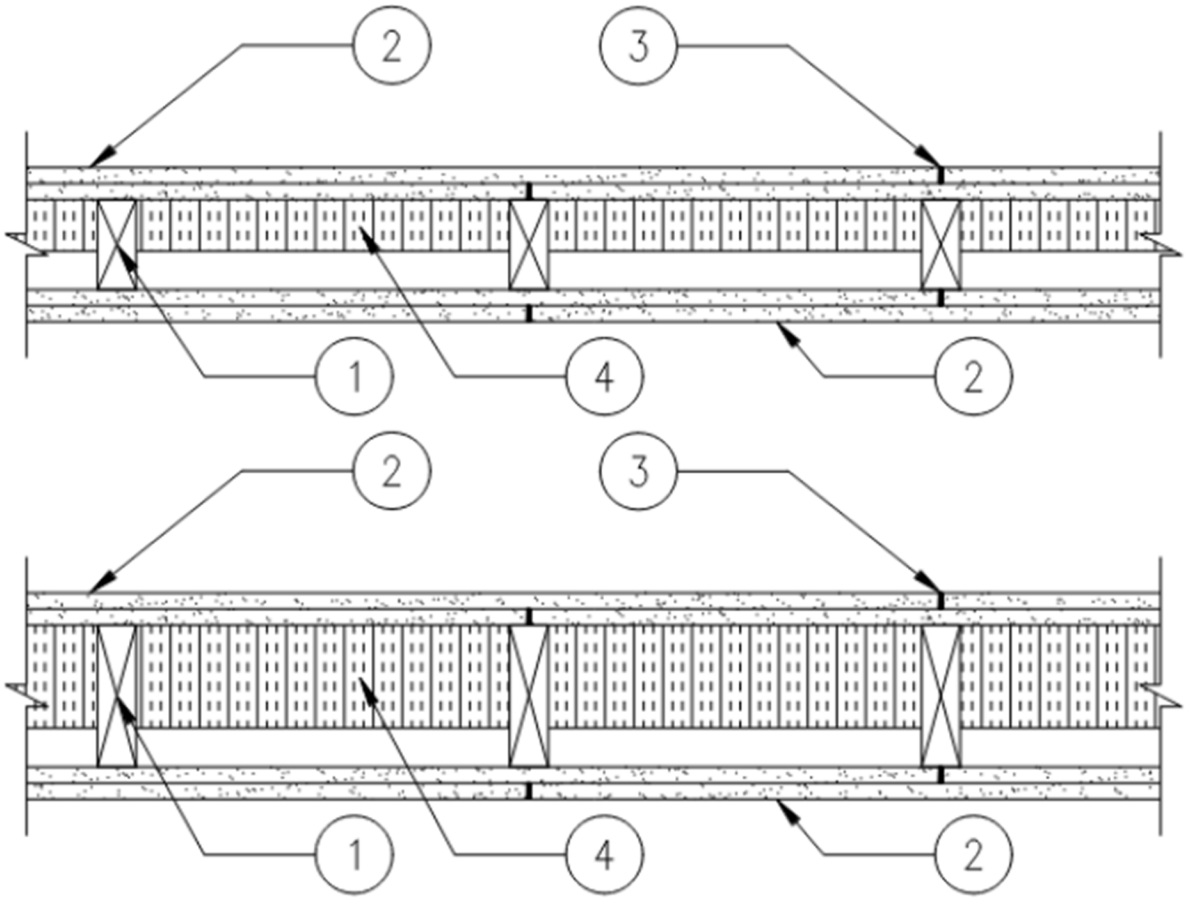
General Coatings Manufacturing Corp
Design No. GCM/FI 60-04
Exterior Wall Assembly
UPC 2.0 HFO Spray Polyurethane Foam Insulation
Load Bearing, ASTM E119, CAN/ULC S101, UL 263
Rating: One hour



1. **WOOD STUDS:** Install nominal 2 in. by 4 in. or nominal 2 in. by 6 in. wood studs spaced max. 16 in. on-center and effectively firestopped.

2. **GYPSUM BOARD:** Install two layers of 5/8-in. thick Type X gypsum wallboards or exterior gypsum sheathing, oriented vertically to both sides of the studs with joints located over studs and staggered between layers and opposite sides of the wall. Secure the base layer of gypsum wallboards to studs using minimum 6d, 1-7/8-in. coated nails, spaced maximum 8 in. on-center, and second layer with minimum 8d, 2-3/8-in. coated nails spaced maximum 8 in. on-center. Alternatively, secure the base layer of gypsum wallboards with minimum #6, 1-7/8-in.

Type W coarse thread screws, spaced maximum 8 in. on-center, and second layer using minimum #6, 2-1/4-in. Type W coarse thread screws spaced maximum 8 in. on-center. Nails shall comply with ASTM C514 and screws shall comply with ASTM C1002.

3. **JOINT TAPE AND COMPOUND:** Apply Level 2 finish consisting of vinyl or casein joint compound to face layer of gypsum board in two coats to all exposed screw heads and gypsum board butt joints. Embed a min. 2-in. wide paper, plastic, or fiberglass tape in first layer of compound over butt joints.

4. **INTERIOR WALL INSULATION:**

   CERTIFIED PRODUCT: UPC 2.0 HFO, UPC 2.0 MAX HFO or UPC 2.0 High-Lift HFO

   Install a nominal 60% wall cavity depth of UPC 2.0 HFO, UPC 2.0 MAX HFO, or UPC 2.0 High-Lift HFO spray polyurethane foam insulation applied over the interior face of the gypsum board.

This Design Listing is intended to provide guidance for on-site verification of the installation of system components and shall not be used in place of the manufacturer's published installation instructions. The manufacturer is responsible for providing installation instructions and requirements that ensure compliance with the system as tested and evaluated by Intertek. Installation must comply with this Design Listing, the manufacturer's installation instructions, and the applicable Code. In the event of conflict, this Design Listing governs.

Compliance of the assembly described in this Design Listing with the referenced standard(s) is contingent upon verification that the field-constructed assembly is consistent with the assembly described herein. Intertek-certified products may be verified by the authorized Intertek label. Products not bearing the Intertek label shall be verified by the Authority Having Jurisdiction as meeting the specifications stated herein.

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Refer to the listing report in the Directory of Building Products (https://bpdirectory.intertek.com) for the applicable edition of the referenced standard(s).