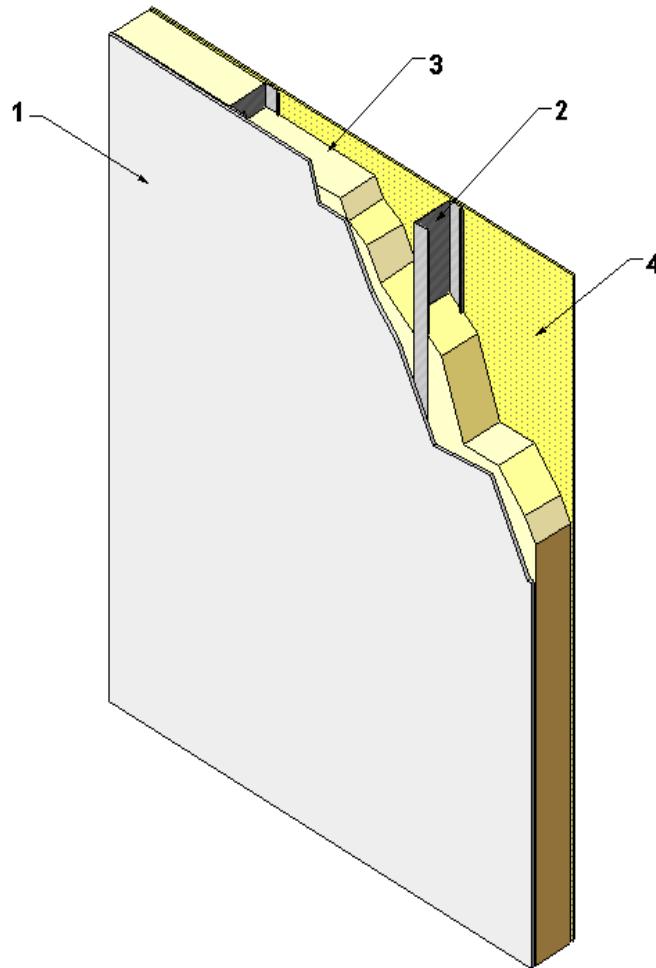


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**Huntsman Building Solutions (USA) LLC**  
**Design No. HBS/FI 30-13**  
**Non-Load Bearing Wall Assembly**  
**Icynene Ultra 50 Polyurethane Foam Insulation**  
**NFPA 285**  
**Rating: Meets Conditions of Acceptance**

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**1. GYPSUM BOARD:** 5/8 in. thick Type X gypsum board installed with long dimension perpendicular to steel studs. Attach studs with #6, Type S, 1-1/4 in. long bulge-head screws, spaced 8 in. on center (oc) around perimeter and 12 in. oc in the field.

**A. JOINT TAPE AND COMPOUND –** (Not Shown) Vinyl or casein, dry or premixed, joint compound applied to face layers of gypsum board in two coats to all exposed fastener heads and gypsum board joints. A min. 2 in. wide paper, plastic, or fiberglass tape is embedded in first layer of compound over joints in gypsum board.



**2. STEEL STUDS:** Min. 3-5/8 in., 20 GA galvanized steel studs. Max. spacing 24 in. oc. Secure steel studs to top and bottom track using 7/8 in. self-tapping sheet metal screws. Install lateral braces (not shown) 48 in. vertically oc. Secure bracing with #8, 1/2 in. long pan-head framing screws.

**3. INTERIOR WALL INSULATION:**

**CERTIFIED PRODUCT:** Icynene Ultra 50 Polyurethane Foam Insulation

Install nominal 3-5/8 in. thick, 0.5 pcf density layer of Icynene Ultra 50 polyurethane foam to completely fill the steel stud cavity.

**4. EXTERIOR SHEATHING:** Install 5/8 in. thick, GP DensGlass® Exterior Sheathing over exterior side of steel studs using 1-1/4 in. self-tapping screws, spaced at 8 in. oc around perimeter and 12 in. oc in the field.

*Consult the listing report on the Directory of Building Products (<https://bpdirectory.intertek.com>) for the edition of the standard(s) evaluated.*

*Compliance of the assembly described in this Design Listing with the referenced standard relies on verification that the assembly constructed in the field is consistent with that described herein. Intertek certified products may be verified by the approved Intertek label; other products must be verified by the Authority Having Jurisdiction as meeting the specifications stated herein.*