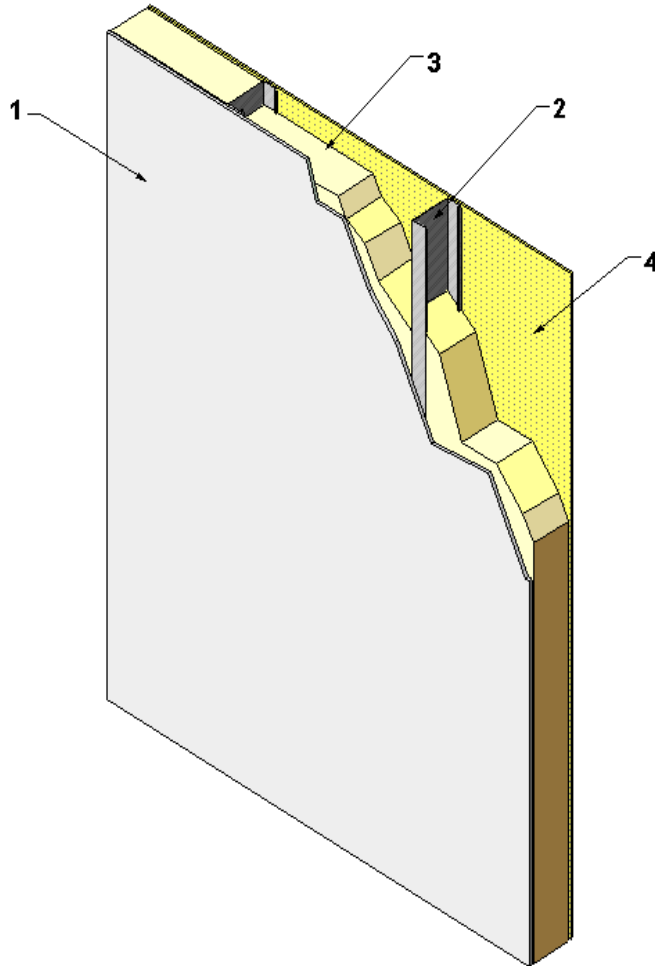

Huntsman Building Solutions (USA) LLC
Design No. HBS/FI 30-10
Non-Load Bearing Wall Assembly
SEALECTION™ 500 Polyurethane Foam Insulation
NFPA 285
Rating: Meets Conditions of Acceptance



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: SEALECTION™ 500
Polyurethane Foam Insulation

INTERIOR WALL INSULATION – Install nominal 3-5/8 in. thick, 0.5 pcf density layer of SEALECTION™ 500 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.