Georgia-Pacific Gypsum, LLC
Design No. GP/WA 120-05
Non-Bearing Wall Assembly
Area Separation Wall
ASTM E119
Rating: 2 Hour
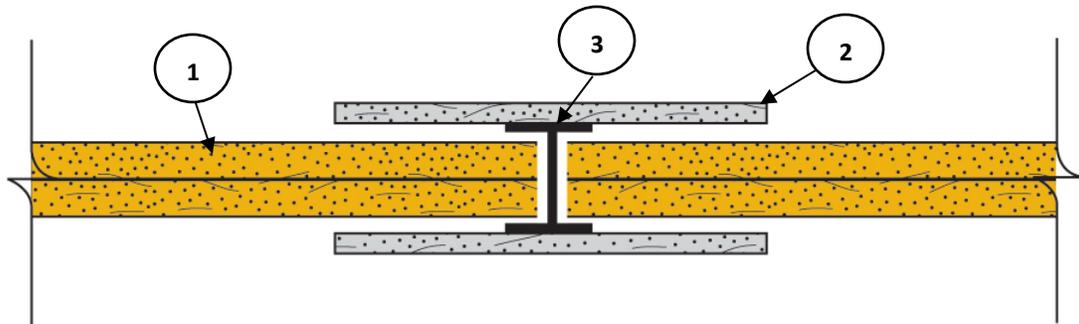
1. **CERTIFIED MANUFACTURER:** Georgia-Pacific Gypsum, LLC

    CERTIFIED PRODUCT: Gypsum Shaftliner

    CERTIFIED MODEL: ToughRock® Shaftliner or DensGlass® Shaftliner

    GYPSUM SHAFTLINER: Two layers 1 in. (25.4 mm) ToughRock® Shaftliner or DensGlass® Shaftliner inserted in H-Studs 24 in. (610 mm) on center (oc).

2. **GYPSUM BOARD:** Metal studs covered using any of the following gypsum board products:
    - 1/2 in. (12.7 mm) DensArmor Plus® Fireguard® C Interior Panels
    - 1/2 in. (12.7 mm) ToughRock® Fireguard® C gypsum board
    - 5/8 in. (15.9 mm) ToughRock® Fireguard® X gypsum board
    - 5/8 in. (15.9 mm) DensArmor Plus® Fireguard® Interior Panels (Type X board)
    - 5/8 in. (15.9 mm) DensGlass® Fireguard® Sheathing (Type X board)
    - 5/8 in. (15.9 mm) DensElement® Sheathing (Type X board)

    Mechanically fasten 6 in. (152 mm) wide gypsum boards to steel studs Type 'S', #6 drywall screws, 12 in. oc starting 6 in. from top or bottom. Use 1 in. long screws for 1/2 in. gypsum board, use 1-1/4 in. long screws for 5/8 in. gypsum board.

3. **STEEL STUDS**: 'H' shaped Studs, 1-1/2 in. (38.1 mm) wide × 2 in. (50.8 mm) deep, roll-formed from min. 0.018 in. thick galvanized steel. Cut to length 1/2 in. less than the openings height and spaced a max. of 24 in. (610 mm) oc.

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.