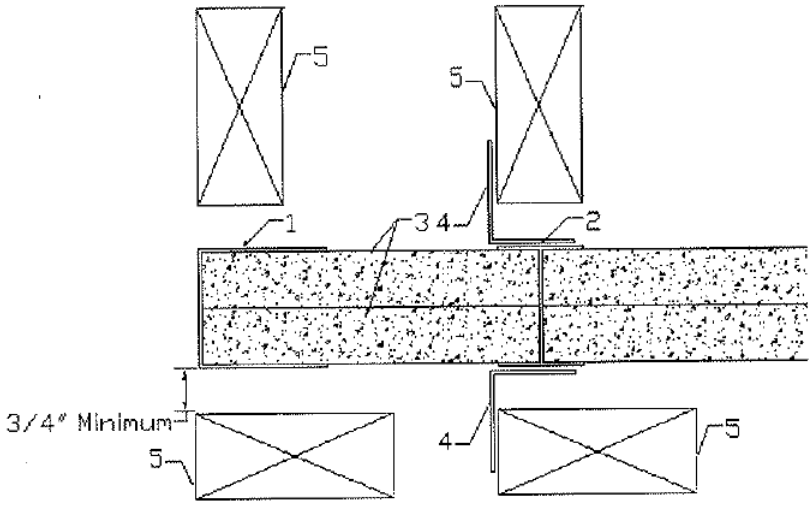
Georgia-Pacific Gypsum, LLC
Design No. GP/WA 120-06
Non-Bearing Wall Assembly
Area Separation Wall
ASTM E119
Rating: 120 minutes



1. **FLOOR, UPPER CORNER, AND INTERSECTION RUNNER:** U-shaped runner, 2-1/8-in. deep roll-formed from minimum 0.018-in. thick galvanized steel. Position runners at 3/4 in. minimum spacing from wood framing (Item 5) members. Runners attached to foundation or structural members with steel fasteners located not greater than 24-in. oc.

2. **STEEL STUDS:** Steel studs are H-shaped studs, 1-1/2-in. wide by 2-in. deep, roll-formed from minimum 0.018-in. thick galvanized steel. Cut to length 1/2 in. less than the openings height and spaced a maximum of 24-in. oc. within runner legs and between layers of 1-in. thick gypsum shaftliner (Item 3).

3. **COMPONENT NAME:** Gypsum Shaftliner

   CERTIFIED PRODUCT: Georgia-Pacific Gypsum, LLC, Gypsum Shaftliner;

   - ToughRock Fireguard Shaftliner
   - DensGlass Shaftliner

   Install two layers of nom. 1-in. thick gypsum shaftliner inserted against the web of the steel studs (Item 2).

4. **ALUMINUM CLIPS:** 2-in. long by 2-in. or 2-1/2-in. legs by 0.050-in. thick aluminum angle, spaced 108-in. oc maximum vertically, to wood framing (Item 5) with 4d box nails or 1-1/4-in. long drywall screws and to steel stud (Item 2) flanges with framing screws.

5. **WOOD FRAMING:** Wood framing used in unoccupied spaces, such as attics, consisting of conventional 2x framing, with engineered wood trusses, or with wood bracing. Spacing at maximum 16-in. oc. Wood framing may be installed parallel or perpendicular to the wall.

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.