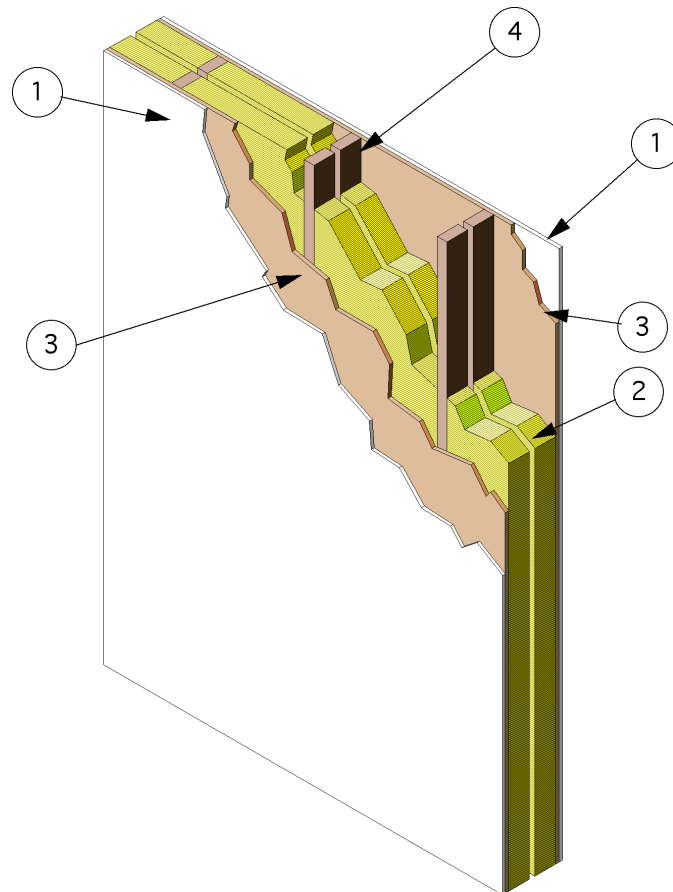


Louisiana-Pacific Corporation
Design No. BTC/WPPS 120-02
Loadbearing Wall Assembly
LP® FlameBlock® Fire-Rated Sheathing
ASTM E119
Fire Resistance Rating: 2 Hour



- 1. WALLBOARD, GYPSUM:** One layer 5/8 in. thick x 4 ft. x 10 ft. Type X gypsum wallboard, applied vertically over the panels to each side of the assembly, fastened through the panels with 8d cement coated nails, 2-3/8 in. long, cup-head drywall nails with 0.113 in. shank diameter and 9/32 in. head diameter, spaced 8 in. on center (oc) along all studs and runners.

JOINT TAPE AND COMPOUND – Vinyl or casein, dry or premixed, joint compound applied to face

layers of gypsum wallboard in two coats to all exposed fastener heads and gypsum wallboard joints. A min. 2 in. wide paper, plastic, or fiberglass tape embedded in first layer of compound over joints in gypsum wallboard.

- 2. CAVITY INSULATION:** Unfaced mineral fiber batt insulation having a nominal 3-1/2 in. thickness, 3 pcf density, and friction fit between the studs, cross-bracing, top and bottom plates.



3. WOOD SHEATHING:

CERTIFIED PRODUCT: Louisiana-Pacific Corporation, Wood Sheathing, LP® FlameBlock®

A nominal 48 x 96 in. panel of either nominal 1/2 in. (APA rated 15/32 in.) thick plywood or 7/16 in. thick OSB with 0.060 in. thick inorganic laminate boards** adhered to only one face of the wood sheet. Plywood core panels are nominal 9/16 in. thick and OSB core panels are nominal 1/2 in. thick. Inorganic laminate board side of panels are attached to both exposed

sides of the wood framing with 1-7/8 in. long, 6d nails, spaced 6 in. oc around the perimeter and 12 in. oc in the field. (**The inorganic laminate boards are composed of a fire-resistant slurry imbedded into a glass fiber mat and are called Pyrotite Sheets).

4. **WOOD STUDS:** Nominal 2 in. x 4 in. No. 1 grade wood studs spaced 16 in. oc, with two 2 in. x 4 in. wood studs as top plate and one 2 in. x 4 in. wood stud as a bottom plate, and horizontal cross-bracing positioned at mid-height of 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.