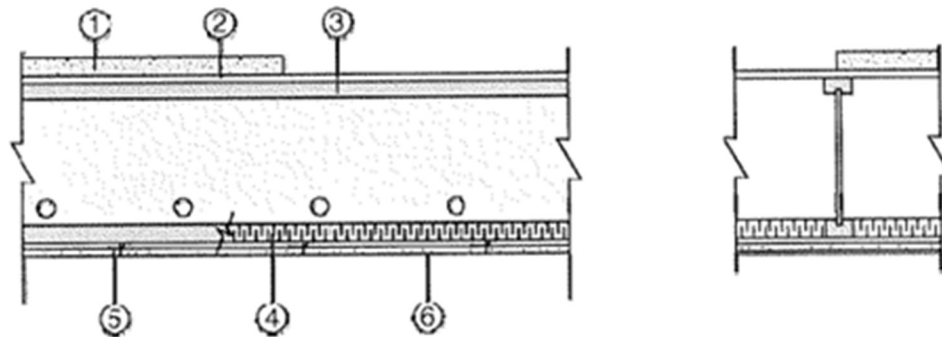


IB EWP Inc.
Design No. IB/MWP 60-01
Floor/Ceiling Assembly
IB EWP Inc. (IB) Series I Joists
ASTM E119 and CAN/ULC S101
Fire Resistance Rating: 1 Hour



- 1. FLOOR TOPPING (Optional):** Lightweight concrete or proprietary topping.
- 2. SUB-FLOORING:** Min. 5/8 in. thick plywood or Oriented Strand Board (OSB) installed perpendicular to joists, with end joints staggered. Min. sheathing thickness (based on framing spacing) and fastener schedules shall comply with the Code.
- 3. CERTIFIED MANUFACTURER:** IB EWP Inc.

CERTIFIED PRODUCT: IB I Joist

CERTIFIED MODEL: IB600, IB800 or IB900x

I-joists having a min. depth of 9-1/2 in., installed at 24 in. on center (oc) max. (min. 1-1/2 in. x 3-1/2 in. flange dimensions).
- 4. INSULATION:** Min. 1-1/2 in. thick mineral wool insulation batts – 2.5 pcf (min.), friction fitted between the bottom flanges of the joists and supported by resilient channels. Ends of batts shall be centered over resilient channels and tightly butted.
- 5. RESILIENT CHANNEL:** Min. 0.019 in. thick (28 GA) galvanized steel resilient channels, attached perpendicular to joists using one 1-5/8 in. long Type W screw. Resilient channels spaced a max. of 16 in. oc. Additional channels are required at gypsum board end joints such that each board is attached to a separate channel. These additional channels shall extend to the next joist on each side of the board end joint.
- 6. GYPSUM BOARD:** Min. 5/8 in. thick Type C gypsum wallboard installed with long dimension perpendicular to resilient channels and fastened to each channel with min. 1-1/8 in. long Type S drywall screws. Fasteners spaced 12 in. oc in the field, 8 in. oc at wallboard end joints, and 1-1/2 in. from panel edges and ends. Edge joints shall be centered between joists. End joints shall be staggered one channel spacing.
- 7. FINISH SYSTEM (Not Shown):** Face layer joints covered with tape and coated with joint compound. Screw heads covered with joint compound.