

All Weather Insulated Panels
Design No. AWIP/FWPA 60-03
Non-loadbearing Fire Rated Wall Assembly
Vertical Asymmetric Wall Assembly
ASTM E119 and CAN/ULC S101
Rating: 1 Hour

(Rating applies to one side only for Configuration 1 and both sides for Configuration 2)

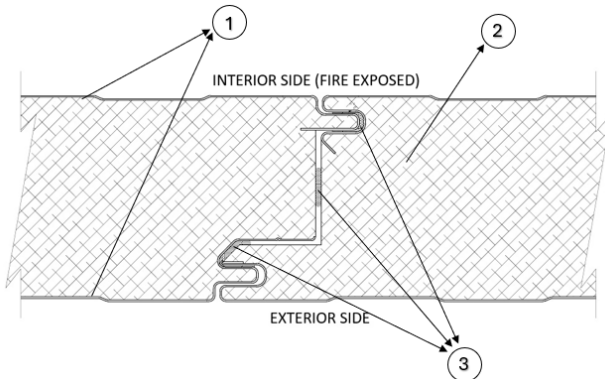


Fig. 1 – Joint Detail (Configuration 1)

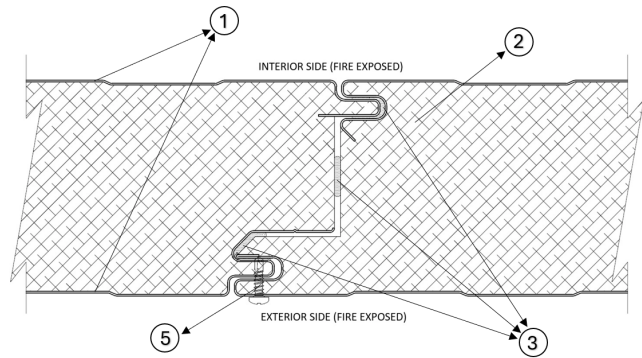


Fig. 2 – Joint Detail (Configuration 2)

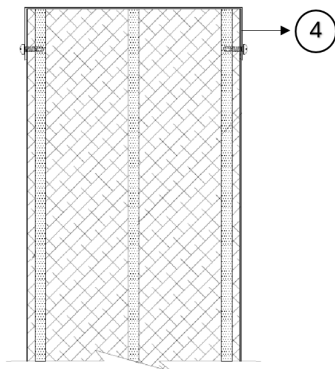


Fig. 3 – Top of Panel

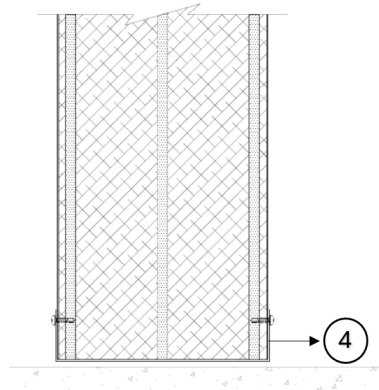


Fig. 4 – Bottom of Panel

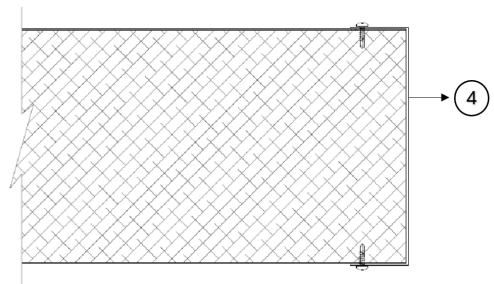


Fig. 5 – Edge of Panel

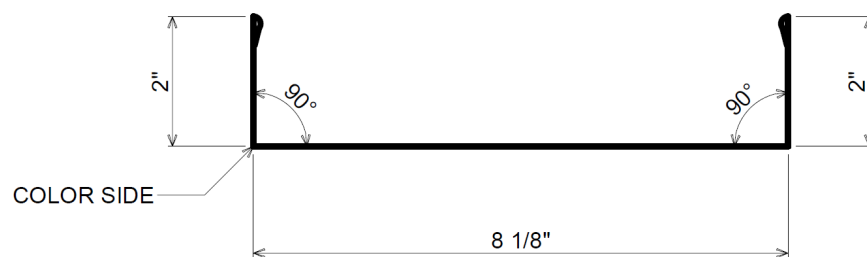


Fig. 6 – CT-03 Cap Trim



1. COMPONENT NAME: Prefabricated Wall Panels

CERTIFIED PRODUCT: DM40-F+

The prefabricated wall panels consist of a polyisocyanurate foam core (2.1-2.5 pcf) sandwiched between 22 GA Grade 33 steel skins, ASTM A653 G90 or ASTM A792 AZ50 coated. The panels are available in a width of 40 in., lengths from 10 ft. to 60 ft., and a thickness of 8 in.

The prefabricated wall panel may only be installed in the vertical orientation by slotting them within one another along the tongue-and-groove joints. The fire-rating applies to one side only as indicated.

- 2. INSULATION:** The core consists of a medium-density, two-part polyurethane foam of proprietary formulation. The thickness of the foam conforms with the overall panel thickness.
- 3. SEALANT:** Apply approximately 3/8 in. diameter of Hilti FS-ONE MAX Firestop Intumescent Sealant along the interior joint, exterior joint, and between the foam along the vertical centerline of the joint.
- 4. PERIMETER CAPPING:** Install 22 GA CT-03 cap trim along the top, bottom, and vertical edges of the assembly, and secure it with #10 x 0.75 in. PPH DP3 self-drilling screws at 8 in. intervals.
- 5. JOINT FASTENER:** Install #10 x 0.75 in. PPH DP3 self-drilling screws at 24 in. on center (oc) along the exterior face of the panel joint.

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.