

All Weather Insulated Panels
Design No. AWIP/FWPA 25-02
Horizontal Panel Wall Assembly
AWIP Prefabricated Wall Panels
CAN/ULC S134
Rating: Meets Conditions of Acceptance

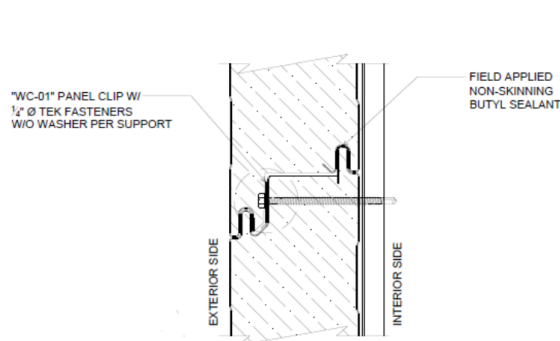
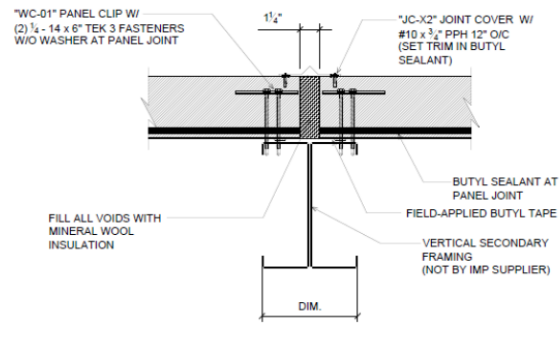


Figure 1 – Joint Profile



PANEL TRANSITION AT END JOINT
(PLAN VIEW)

Figure 2A – Vertical Butt Joint

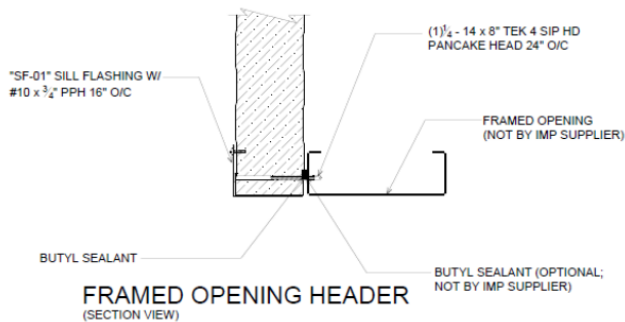


Figure 2B

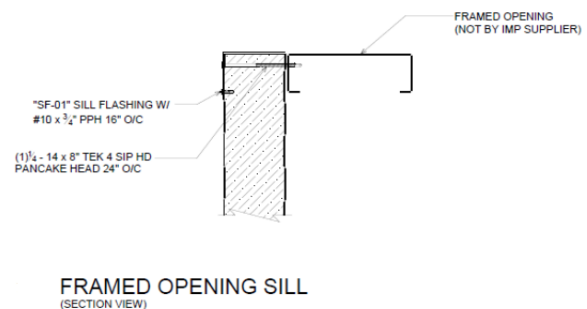


Figure 2C

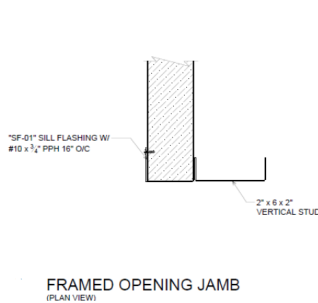


Figure 2D

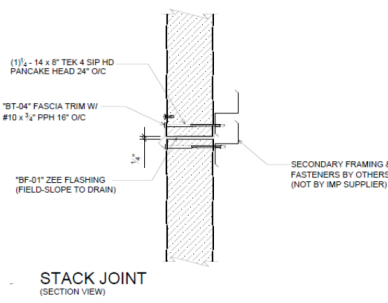


Figure 2E

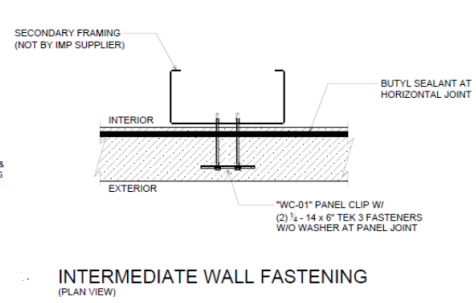


Figure 2F



1. SUPPORTING WALL CONSTRUCTION: The supporting wall must be constructed per the applicable Building Code requirements for noncombustible construction.

2. INSULATED PANELS:

CERTIFIED PRODUCT: All Weather Insulated Panels; Models DM36, FL36, HE36, HE36-A, ST36, DM40, FL40, ST40, HE40, HE40A, MV40, FW40, IP40, DM44, and IP44. These are 36 in, 40 in, or 44 in. wide, max. 6 in. thick, insulated metal panels with min. 26 GA steel skins on both faces, and a core of medium density polyisocyanurate rigid foam.

Panels must be installed horizontally on the exterior side of the supporting wall to min. No. 26 GA steel framing, spaced a max. of 96 in. on center (oc). The panels are attached with clips as shown in Figure 1, attached through the panel joints to the supporting members with TEK fasteners (1/4-14 diameter; length varies per panel thickness). Alternatively, the panels may have butted horizontal (i.e., stacked) joints when assembled as shown in Figure 2E.

Panel terminations are held in place with cap trim using pop rivets every 12 in. oc. Use 6 in. wide 26 GA CT-01 Cap Trim, 8 in. x 3 in. 26 GA SF-01 Sill Trim, 2 in. 26 GA BT-04 Fascia Trim, and 6 in. 26 GA BF-01 Zee Flashing according to the requirements of the design. Trim components are provided by AWIP. All panel joints must be sealed with All Weather Insulated Panels non-skinning Butyl Sealant. Vertical butt joints must be protected with 4 in. wide, 1-1/4 in. thick, 4 pcf mineral fiber safig, covered with a JC-X2 Joint Cover (see Figure 2A).

See Figures 2A through 2F for typical details.

3. OPENINGS: Fasten No. 26 GA steel sill flashing around the perimeter of the opening using #10 3/4 in. screws, spaced every 16 in. oc. See Figures 2B, 2C, and 2D for details.

4. EXTERIOR METAL CLADDING (Optional, Not Shown): Single-skin steel cladding may be installed over the All Weather Insulated Panels. The cladding may be fastened to the AWIP panels directly or to horizontal tracks that are attached to the panel. Attachment details must be in accordance with the design specification.

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.