
Design Number ENV/CWP 15-01

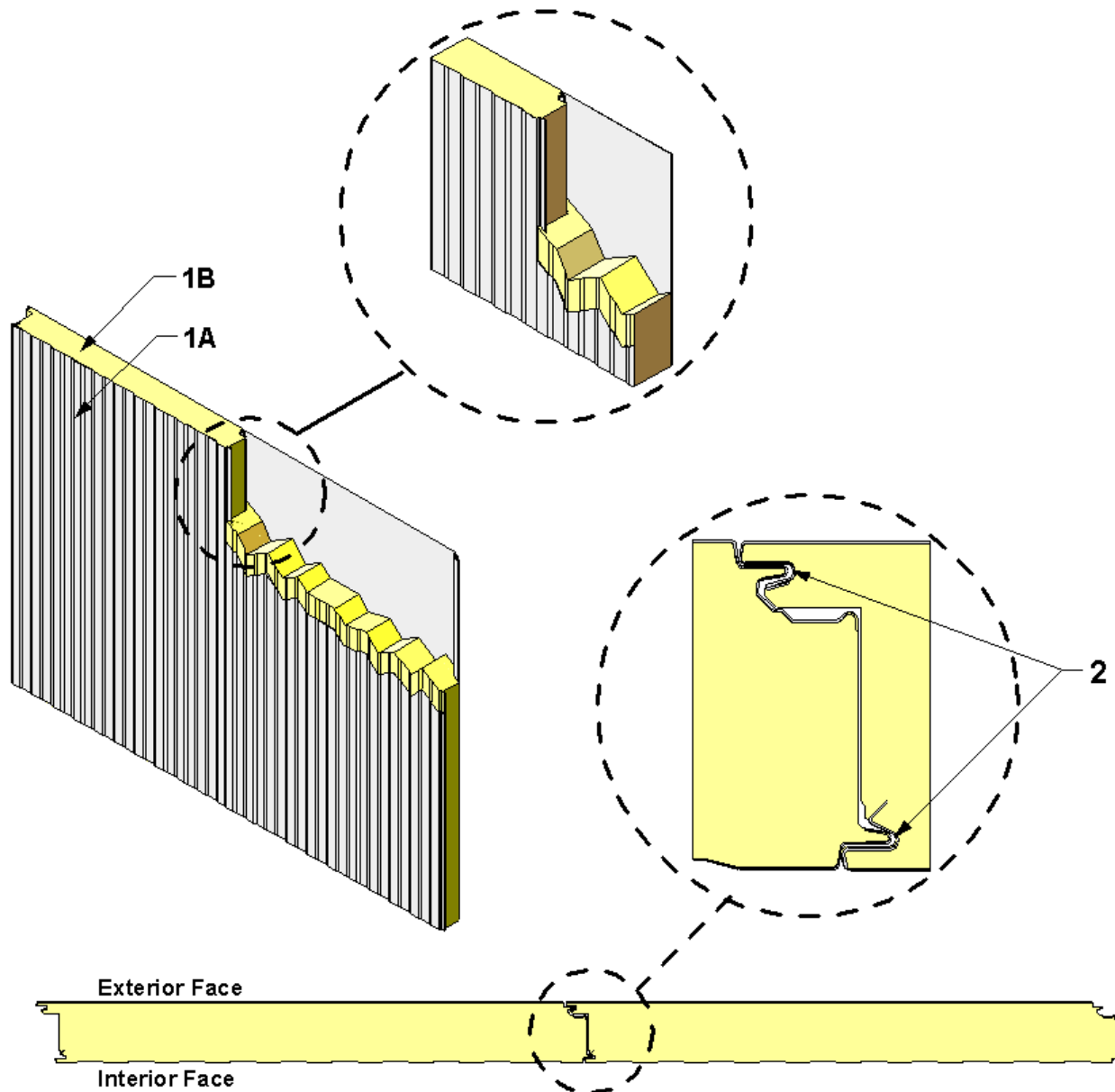
Wall Assemblies

Envolution

Envolution Wall (Concealed Fastener) and Envolution EVR Ribbed Roof Panels

CAN/ULC-S101 (2007)

Rating: 15 Minute Remain in Place



1. CERTIFIED
Envolution

MANUFACTURER:

MODEL: Envolution Insulated Metal
Panels

CERTIFIED PRODUCT: Wall Panels

INSULATED WALL PANELS: Construct
panels nominally measuring 12 in. to

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Intertek

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44-1/2 in. wide, having a max. length of 65 feet, and a min. thickness of 2 in. (min. 1-1/2 in. for Envolution EVR Ribbed Roof Panels). Install panels with the longitudinal (long dimension) edges placed horizontally or vertically. Construct wall panels of the following materials:

- A. Panel Facing – Construct of two panels (faces) of min. 26 GA galvanized or zinc/aluminum alloy coated steel with painted or mill finish, or min. 26 GA stainless steel with mill finish.
- B. Polyurethane Foam Core – Fill hollow core between panel faces (Item 1A) with nominal 2.17 lb. per cubic ft. density polyurethane foam

forming the male and female mating edges of the panels.

2. Side Joint Sealant – (Optional)

A. Envolution Wall Panel – Install a nominal 3/16 in. bead of one-component, urethane or butyl sealant to the female edge of the panel on either the exterior, interior, or both sides prior to joining the insulated wall panels (Item 2).

B. Envolution EVR Ribbed Roof Panel – Install a nominal 3/16 in. bead of one-component, urethane or butyl sealant to the female edge of the panel on the interior side prior to joining the insulated wall panels (Item 2 “interior”). Install butyl tape sealant for the exterior lap joint (not shown).