

Owens Corning® EZSheath™ General Installation Instructions

1 Installation

1.1 At a minimum, Owens Corning® EZSheath™ panels shall be fastened to structural framing members in accordance with the sections for wood structural panels in [IBC Table 2304.10.2](#) and [IRC Table R602.3\(1\)](#).

1.2 Orientation

- 1.2.1 Owens Corning® EZSheath™ panels may be installed vertically or horizontally over studs with framing that have a nominal thickness of not less than 2" (50.8 mm) and spaced a maximum of 24" (610 mm) o.c.
- 1.2.2 Sheathing joints must be butted at framing members and all panel edges shall be blocked. A single row of fasteners must be applied to each panel edge into the stud or blocking below. Do not tack product to framing, but fasten each panel completely after fastening begins.

1.3 Full Installation

1.3.1 General:

- 1.3.1.1 Fasteners shall be installed with a nominal edge distance of $\frac{3}{8}$ " (9.5 mm) for both Owens Corning® EZSheath™ panels and GWB.
- 1.3.1.2 Where hold-down straps are used, install structural sheathing first, remove foam at strap location, then install the strap over the face of the structural sheathing backer and attach per the manufacturer installation instructions.
- 1.3.1.3 Where required, gypsum wallboard shall be a minimum $\frac{1}{2}$ " and installed with a minimum of #6 x $1\frac{1}{4}$ " Type W or S screws. The fastener spacing shall be a maximum of 8" o.c. (76 mm) along the edge and in the field.

1.3.2 Owens Corning® EZSheath™:

- 1.3.2.1 For light-frame wood walls, Owens Corning® EZSheath™ panels shall be fastened with minimum 0.113" diameter nails with a $1\frac{3}{8}$ " minimum embedment into stud unless otherwise specified in Section 6 of TER 2404-101.
 - 1.3.2.1.1 Fastener spacing shall be a maximum of 6" o.c. (76.2 mm) along the edge and 12" o.c. in the field unless otherwise permitted in Section 6 of TER 2404-101.
- 1.3.2.2 For light-frame steel walls, Owens Corning® EZSheath™ panels shall be fastened with minimum #8 self-drilling screw or 0.100" x $1\frac{1}{2}$ " Aerosmith VersaPin nails.
 - 1.3.2.2.1 Unless otherwise stated in Section 6 of TER 2404-101,
 - 1.3.2.2.1.1 Screws shall be of sufficient length to fully penetrate through the cold-formed steel framing members with a minimum three threads beyond the thickness of the framing member.
 - 1.3.2.2.1.2 Knurled nails shall be of sufficient length that the knurled portion of the shank must penetrate completely through the steel thickness.
 - 1.3.2.2.2 Fastener spacing shall be a maximum of 6" o.c. (102 mm) along the edge and 12" o.c. in the field unless otherwise stated in Section 6 of TER 2404-101.

1.3.3 GWB:

- 1.3.3.1 Where required, GWB shall be a minimum $\frac{1}{2}$ " thickness and shall be attached with #6 x $1\frac{1}{4}$ " Type W or S screws.
- 1.3.3.2 Fastener spacing shall be as specified in Section 6 of TER 2404-101.

1.4 Penetrations and Window Treatments

- 1.4.1 Owens Corning® EZSheath™ panels must be installed with appropriate flashing and counter flashing in conformance with accepted building standards and in compliance with local building codes and the flashing manufacturer installation instructions.