

OX-IS HS and SI-Strong Installation Instructions

1 Installation

- 1.1 Installation shall comply with the approved construction documents, the manufacturer installation instructions, this report, and the applicable building code.
- 1.2 In the event of a conflict between the manufacturer installation instructions and this report, contact the manufacturer for counsel on the proper installation method.
- 1.3 *Orientation*
 - 1.3.1 OX-IS HS and SI-Strong Insulation may be installed vertically or horizontally over studs, with framing that has a nominal thickness of not less than 2" (50.8 mm) and spaced a maximum of 24" (610 mm) o.c.
 - 1.3.2 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.
- 1.4 *Attachment*
 - 1.4.1 *General:*
 - 1.4.1.1 Fasteners shall be installed with a nominal edge distance of $\frac{3}{8}$ " (9.5 mm) for GWB.
 - 1.4.1.2 Where used, always fasten staples parallel to the framing member.
 - 1.4.1.3 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.
 - 1.4.2 *OX-IS HS and SI-Strong Insulation:*
 - 1.4.2.1 Minimum $\frac{7}{16}$ " crown by $1\frac{1}{2}$ " leg, 16-gauge staples with a 1.0" minimum embedment into the stud unless otherwise stated in Section 6.
 - 1.4.2.2 Fastener spacing shall be a maximum of 3" o.c. (76.2 mm) along the edge and 3" o.c. in the field unless otherwise permitted in Section 6.
 - 1.4.3 *GWB:*
 - 1.4.3.1 Where required, GWB shall be a minimum $\frac{1}{2}$ " thickness and shall be attached with one of the following:
 - 1.4.3.1.1 #6 x $1\frac{1}{4}$ " Type W or S screws
 - 1.4.3.1.2 5d cooler nails
 - 1.4.3.2 Fastener spacing shall be as shown in Section 6.
- 1.5 *Treatment of Joints*
 - 1.5.1 OX-IS HS and SI-Strong Insulation sheathing joints must be butted at framing members, and a single row of fasteners must be applied to each panel edge into the stud below. Run staples parallel to framing.
- 1.6 *Window Treatments*
 - 1.6.1 OX-IS HS and SI-Strong Insulation 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.
- 1.7 *Non-Structural Applications*
 - 1.7.1 Install panels with nails that have a 0.113" (2.9 mm) minimum shank diameter, a $\frac{3}{8}$ " (9.5 mm) head diameter, and a 1.0" (25.4 mm) minimum stud embedment length; or 16-gauge $\frac{7}{16}$ " (11.1 mm) crown staples and a 1.0" (25.4 mm) minimum stud embedment length.
 - 1.7.1 The fastener spacing shall be 6" o.c. along the top, bottom, and vertical panel edges and 12" o.c. in the field. Do not tack product to framing, but fasten each panel completely after fastening begins.