EcoTouch® PINK® FIBERGLAS™ Insulation
in Steel Stud Wall Framing

OWENS CORNING®

Step 1
Install EcoTouch® PINK® FIBERGLAS™ Insulation in accordance with manufacturer's recommendations and not before the exterior sheathing has been installed on one side of the stud cavity and sealed to be water resistant.

Step 2
Protect insulation from damage due to weather and physical abuse until protected by permanent construction.

Step 3
Fit full cavity width EcoTouch® PINK® FIBERGLAS™ Insulation tightly into exterior wall steel stud cavity spaces and framing voids to create a continuous insulation layer without gaps. Trim to fill spaces and voids neatly. Fluff insulation to full thickness for specified R-value before installation. Do not compress insulation.

Step 4
Within exterior wall framing, install EcoTouch® PINK® FIBERGLAS™ Insulation between pipes, mechanical services, electrical boxes, and backside of sheathing. Cut or split insulation material as required to fit around wiring and plumbing.

Step 5
If the insulation is faced, install the factory applied facing with vapor retarder membrane facing the warm side of building spaces. Facing flanges (tabs) should be unfolded and lapped over framing members. Tabs do not require additional taping or sealing if laid flat over the face of the steel studs as the gypsum board when screwed down will adequately compress the tabs together against the face of the stud.

Step 6
Maintain vapor retarder integrity by tightly abutting adjacent insulation. Repair punctures or tears in vapor retarder facing by taping with a vapor retarding tape. Follow tape manufacturer's application recommendations.

Support Details
EcoTouch® PINK® FIBERGLAS™ Insulation support in steel stud cavities:

1. Tightly friction fit full width 16", or full width 24", EcoTouch® PINK® FIBERGLAS™ Insulation to fill the interior of the cavities between steel studs , and to completely fill the voids inside the hollow steel stud flanges.

2. For faced insulation, support by taping or adhering the facing flanges to the face of the steel stud is not required unless job conditions are such that the insulation is not holding in place by friction fit. Gypsum board wall finish is applied holding the flanges in place after the facing flanges/tabs are laid flat over the face of the stud. No additional support is required.

3. For unfaced insulation, friction fit is adequate if the insulation completely fills the depth of the stud cavity, and if the cavity is enclosed on both sides. No additional support is required.

4. For unfaced, friction fit, where the insulation does not completely fill the stud cavity depth, provides supplemental support with straps or wires, as described in paragraph 5, installed starting 4' above the floor and every 2' on center above 4'.

5. Multiple types of support devices may be used. Wires can be inserted through EcoTouch® PINK® FIBERGLAS™ Insulation extending from stud to stud. The wires may be installed continuously through the punch outs of the steel stud framing. Or, heavy gauge wire may be cut slightly larger than each stud space and wedged into place between studs. When the EcoTouch® PINK® FIBERGLAS™ Insulation thickness is less than the depth of the stud cavity, the wires should be positioned to hold the batt against the exterior gypsum sheathing on the opposite side of the cavity. Another option is the use of punched metal straps attached to the face of the framing. The punched pronged tabs are bent 90 degrees pointing into the stud cavity and are pushed into the insulation after installation. The punched prongs impale the EcoTouch® PINK® FIBERGLAS™ Insulation and hold it in place.

Installation video can be viewed on the Owens Corning YouTube Channel.

The CavityComplete® Wall System excludes the masonry veneer, steel studs and interior and exterior gypsum board. A detailed list of the components is available at www.CavityComplete.com.