

Existing framed walls can be insulated with either the InSoFast UX 2.0 or EX 2.5 standard panel. The instructions are the same for either panel. The photos show the UX 2.0 panel.

## Installing Panels

You can installed the panels directly over drywall or lath and plaster. An alternative is to remove the drywall down to the studs as show in this guide. The old, inadequate insulation was removed and replaced with new fiberglass insulation.

To install the InSoFast panels, line up the studs of the panel with the studs of the wall.

## Windows/Openings

InSoFast panels can in nailed to the existing framing around the window opening.

An alternative is to use 2"x3" lumber ripped down to the panel thickness. The InSoFast panel can then butt up to the built out framing. This provides a solid attachment for the extension jamb and window trim.

## Tools and Supplies

- Long snap off blade utility knife
- Saw – hand, jig, circular, or table saw
- 3" Drywall screws
- Gap and crack foam for sealing around the outside edges of the floor and around any penetrations



New fiberglass has been installed in the cavities.



InSoFast panels line up with the wall studs.



InSoFast panels installed over existing framing.

## Electrical Outlets

There are a variety of options on the market for extending the outlets to the surface of the panel.

## Heat Registers

Registers come in many shapes and sizes. In general the register can be furred out to meet the surface of the panels.

## Sealing Around Penetrations

Use low expansive gaps and cracks foam to seal around openings, outlets, registers, and also in the corner of the wall.

## Drywall Installation

Drywall is installed over InSoFast panels in the same way as traditional wood framing. Attach drywall to the InSoFast studs using standard coarse thread all-purpose drywall screws. The InSoFast panel provides solid backing for drywall around the perimeter. The ceiling drywall is locked in place when the drywall is applied to the walls.

As with all foam insulation products, a 15 minute thermal barrier, such as 1/2" drywall, is required.



Extended electrical box.



Heat register furred out flush with InSoFast panels



Finished project.



Finish register and trim.

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