

Score cutting the InSoFast panels with a razor knife



1. All InSoFast panels have 16" on center grooves to mark where the electric raceways are located. These markings serve another purpose too as cutting lines to start a running bond pattern when installing the panels.



2. Decide if you want to set your panel to the right or left. Here we are going to set the panels to the right so we are going to use the razor knife to score the panel through the InSoFast logo.



3. Score the panel a few times down along the cut line with the knife. You can keep cutting until you cut all the way through the foam or you can choose to snap it like you would with gypsum drywall.



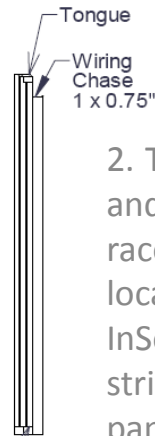
4. With a sharp and clean razor knife you will get a clean and smooth bead free cut.

Cutting InSoFast panels to fit wall penetrations.



1 In order to start this installation it was necessary to trim the bottom of the InSoFast panel by 4".

The first measurement we took was the height of the metal conduit pipe from the floor 20" high.



2. The height of the InSoFast panel is 24" and along the top of the panel is a raceway that is $\frac{3}{4}$ " wide by 1" high. So to locate the conduit into the center of the InSoFast channel we need to remove a 4" strip at the bottom of the first row of panels.



3. Normally we would use the tab on the end of measuring tape to lightly etch the foam panel but it would not show up on film so we marked it with a pen.



4. InSoFast is easy to cut using razor blades but when you cut across the polypropylene studs you should use a fine toothed hand saw.

Tools and jigs for cutting InSoFast panels



5. You can also use a jig saw, orbital saw, a drywall jab saw or any other fine tooth saws.



6. Most professional will cut the panels without a guide.

Here is a cutting guide fashioned out of 1" x 4" for cutting with a Skill saw. The cuts at the end of the board is where the saw will run through. A guide is useful when you expect to do multiple cuts. Like at the top of the wall.



7. This guide is set up to be able to cut in either direction.



8.

InSoFast Waste Scrap



9. After you completed the cuts don't be to quick to throw away the trimmed off piece.



10. That end cut can be used else where on your project as either a starter strip or a top of the wall end piece.



11. Here Ed demonstrates that the pieces will inter-lock and give you a complete panel minus an 1/8" saw cut.

Carving InSoFast with a razor knife.



1. At times there will be protrusions on your wall that you will have to work around. Here we have an abandon fireplace ash clean out that was easier to cover than remove.



2. The clean out door stuck out from the wall about $\frac{3}{4}$ " of an inch. We measured the depth of cover. Next we scored the out line of the marked area $\frac{3}{4}$ " deep with the razor blade knife. Then we measured the depth of the cut we can make when we slice the foam like a loaf of bread.



3. Once we cut to the depth of the blade we scored the foam again so we could pop out the piece we just cut.



4. Repeat the above steps until you remove enough of the foam to accommodate for the projection on the wall.