**Amvic Product Update: Amvic ICF**

**Amvic** is the strongest Insulated Concrete Form on the market today; this is achieved by having the combination of 15.5"x 1.5" webs at 6" on centre which support two 1.5 lb/cu ft density EPS insulation panels 16" tall and 48" in length. This design supports 865 Lbs. of form capacity strength or the pressure exerted by 4 to 5 feet of concrete.

**Amvic ICFS** have a superior interlock called FormLock™. This interlock has a 1" deep recess with an alternating 1" nib for a total of a 2" interlock which repeats itself every 2". (Fig 1)

A strong interlock is paramount to minimal foam deflection at course seams and maintaining a positive air and vapor barrier. Because of these superior ICF design characteristics there may be a few situations that require some consideration when laying out your first course of Amvic forms.

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**1.** As you are stacking the forms for your project the ideal situation would be to have the "factory Ends" meet one another for the total length of the wall. This will keep the interlock and webs lined up properly with the web spacing at 3"+3" or a total of 6" on center which is how the form is designed. However building varying wall lengths will not always create the ideal situation for the Amvic ICF.

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**2.** As you are stacking your forms from opposing corners you may have a situation where the distance between your last two form's webs is **greater or less than 6"s**. In this situation you will need to create a stack joint or Standing Seam. (Fig 5)

At this location only you will have one factory edge and one cut edge which will be consistent in dimensions for the full height of the wall.

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**MINI ICF:**

A cut form that has 3's of foam in each side to a factory web. This form can be placed anywhere in the wall, and the webs will align nicely (except over a standing seam).
In the case where you have set your full size 48” forms from opposing corners and find that you have a small space left to fill: (Fig 3) first remove last form and create a mini ICF by cutting a full size form in half i.e. 24 inches.(Fig 4) You will note that this piece has one factory edge and one field cut factory edge. Lay this down on footer or slab.

Next take a full size form and abut next to your mini ICF and mark and cut other form to fill gap opening. (NOTE: Form can be used as a large tape measure)
This dimension will be maintained all the way up the wall at this location only.
Stagger forms back from this standing seam so no other standing seams are created in there.

- Have only One (1) standing seam per wall
- Window or door openings are a good place situate a standing seam as it will eliminate some of the extra work required in (wailing) the standing seam
- Avoid standing seams in corners!
- Always assemble “one wall at a time”, by laying down the 2 opposing corner forms and work towards the center of each wall.
- Mark the standing seam at the first course of forms and each course there after with a Sad face 😞 using a Sharpie marker. Do this so that you remember to strap a wailer and/ or foam to foam across the standing seam on “both” sides of the wall prior to placing concrete, as no interlock is functioning at this location.