



DSF No. 7011

Subject: Concrete Placement Diamond Snap-Form ICF

Date: February 2011

The following recommendations are intended to help you successfully pour your DSF ICF wall.

- First and foremost, schedule the concrete to arrive only after your DSF ICF system is completely in place and you have time to double check your details.
- Be sure to plan ahead when ordering pump trucks and concrete. Allow time for the equipment and concrete suppliers to schedule your delivery.
- Concrete trucks hold at most 10 cubic yards of concrete and most suppliers allow 5 to 7 minutes per yard of concrete to unload.
- Ask the ready mix supplier to space the concrete trucks out appropriately for your project.
- Normal concrete mix for a DSF ICF wall is 5" slump with maximum 3/4" cut aggregate. However, design and/or code requirements could possibly dictate a different concrete mix.
- When ordering concrete explain to the ready mix supplier and pump truck contractor that you are pouring an ICF system.
- Tell the pump truck supplier that you want two 90 degree elbows or an "S" attachment for the end of the pump hose. Elbows and "S" attachments help control the discharge of the concrete from the delivery hose.
- If you can get a pump truck that is a newer model with an accumulator on it, request this from the pump truck supplier.
- A pump truck will retain about 1 cubic yard of concrete in its hopper and line. If you cannot hand haul this to the ICF wall, it will be dumped in cleanup. To be sure you have an adequate quantity of concrete ordered, it is best to give your ready mix company your wall dimensions, and let them tell you how much concrete you should order. In this way, any wastage factor becomes their responsibility and should be taken into account by them.
- When you are pouring concrete into the DSF ICF system, direct the concrete stream between the Diamond Snap-Ties as you move down the wall. Always pour concrete at a controlled rate.
- Pouring should be done in 4 foot maximum lifts in a continuous pour around the DSF ICF wall.

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