



## **Advantage ICF System™ Checklist**

# **Important: Read Before You Start**

### **Does Your Building Inspector Know You Are Building with the Advantage ICF System?**

Check with your local building inspector for local engineering and building code requirements. Local codes and regulations supercede provincial, state or national building codes. Some jurisdictions require soils reports from an engineer before work can start.

**Note:**

The checklists on the reverse page serve as a reminder for installation of the Advantage ICF System. We recommend you refer to both the Advantage ICF System Installation and Technical Manuals available from [www.advantageicf.com](http://www.advantageicf.com).

**Call Plasti-Fab 1-888-446-5377 with Any Questions**

## TOOLS AND EQUIPMENT

- Hammer
- Chalk line
- 48" level
- Rebar bender / cutter
- Cordless drill and driver bits
- Lineman's pliers
- Handsaw
- Keyhole or drywall saw
- Concrete vibrator – 1" to 1 1/4"
- Scaffolding / bracing system
- Ladder(s)
- Sledgehammer
- Circular saw (preferably 8 1/4")
- Metal cut off wheels for circular saw
- Rebar wire-tie twister
- Felt-tipped permanent marker
- Tin snips
- String lines

## MATERIALS

- Advantage ICF System blocks
- Rebar wire or rebar wire twist-ties (16 gauge x 5-6")
- 1" / #8 deck screws
- 1 3/4" / #8 deck screws
- 3" / #10 deck screws
- Advantage ICF System sheathing tape or Tuck Tape
- Low expansion foam and dispenser
- 24" zip straps (optional)
- Scaffold planking (see scaffolding / bracing in glossary)
- Rough opening (RO) material (see rough openings in glossary)
- Anchor (J) bolts
- Advantage ICF System multi-straps

## PRE-POUR CHECKLIST, PLACING AND FINISHING

Check the listed items prior to pouring any concrete.

- The blocks on the first course are set on the chalk lines.
- All T corners and T back bracing is in place.
- All rail ribbon is in place together with string-lines attached, ready for wall alignment.
- Extra pieces of plywood and bracing material are at hand ready to deal with the unexpected.
- 1" to 1 1/4" vibrator.
- The concrete pump operator knows that they are coming to an ICF building site.

- The specified strength, aggregate size, slump, and quantity of concrete have been ordered.
- The tabs on the blocks of the top course are protected if another floor will be added using the Advantage ICF System.
- Sufficient help is on hand to place, align, finish and clean up after the pour. A five-person crew is recommended: one to handle the hose pump, two to vibrate, one inside the wall and one outside the wall.
- Auto-level or laser level is available the top of the wall will be leveled.
- You have anchor bolts on site if required.
- The beam pockets are in place.
- Rebar properly placed as per Technical Manual requirements or engineer's specifications.
- Note: A structural engineer or representative may have to inspect rebar placement prior to pour. Make sure proper notice is given for this inspection.

## PLACING AND FINISHING THE CONCRETE

We strongly advise that you accept help from Plasti-Fab staff (1-888-446-5377) or experienced ICF installers if this is your first ICF concrete pour.

**This serves as an on-site checklist. We recommend you refer to both the Advantage ICF System Installation and Technical Manuals available at [www.advantageicf.com](http://www.advantageicf.com)**

