

ZONT™ BRACING (with prepoured footings & slabs)

Attach 3/4" blocks on the outside end of each wall face, run string line between. Adjust Zuckles™ to align top edge perfectly. Replumb wall before, during and after concrete pour: plumb corners with 4' or 6' spirit level, plumb wall with stringline. Always **PUSH** wall to align. Never pull.

Screw attach 2x4 vertical strongbacks to right side of the Zont™ through the slot with a 1-1/4" - #8 pan head screw. Locate screw near the slot bottom, back off half turn to allow for wall shrinkage.

Place straight 2x4 walers in Zont™ saddles, and screw attach from below, ensuring the 2x4 is touching the wall side of the saddle. Ensure continuity of the waler joints by scabbing a 6' length of 2x4 over the joint. In the corners, scab a 1x4 on top for continuity.

Lay three or four courses of block, then screw attach the first layer of Zonts™ horizontally around the perimeter about 6' on center. Attach to the ICF web with 1-1/2" x #8 flat head screws.

Attach the first row of block to the slab or footing with foam glue, metal channel, or 2x4s as per ICF instructions.

Cut a spacer 3-7/8" in length and place between the base of the strongback and ICF wall to locate. Solidly toe-nail strongback base.

If working off ground, solidly drive a stake, place a short length of lumber under the kicker to prevent settlement, screw stake to base of kicker. Adjust Zuckle™ to plumb strongback (fine adjustment is done later using stringline). If working off slab, attach lower end of angled kicker to an 18" length of 2x4 foam glued to slab.

Build top of wall. Attach second layer of Zonts™ at the top of wall, locating each bracket on left side of strongback. Use 8" extension on impact drill to screw around strongback. Place 2x4 walers in saddles and screw attach from below.

Tools

- Electric drill (impact)
- 12" extender + 10mm socket for adjusting Zuckles™
- Skill saw
- Hammer for driving stakes
- Spirit level for plumbing corners
- Stringline for plumbing top of wall
- Foam gun & glue: for attaching kicker blocks to slab

Lumber

- 16' 2x4s for walers
- 8' or 10' 2x4s for strongbacks and kickers
- 12' 2x10s for walkway
- 3/4" plywood for walkway gussets
- Stakes (1x4s, 2x4s or steel depending on ground condition)

Fasteners

- 1-1/2" x #8 flat head screws for attaching Zonts™ to ICF
- 1-1/4" x #8 pan head screws for attaching Zont™ to strongback
- 2" and 3" #8 flat head screws for scaffolding

ZONT™ BRACKET

Saddle for 2x4 waler

Slot for wall settlement

Strongback location

IMPORTANT

Never leave wall unbraced. Gust of wind will cause extensive damage.

Catwalk

Use strongbacks to support catwalk so that external loads are kept off the ICF wall. Be sure to conform to local code. Screw plywood gussets to each strongback or use a second 2x4 outside each strongback with a horizontal 2x4 between.

See website for instructions on using Zont™ Bracing with the Fastfoot® Monopour System.

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