

# ROOF/HURRICANE ANCHOR SYSTEM - Technical Bulletin



## SUPERIOR PERFORMANCE

The ICF multi-purpose anchor/hanger system is primarily used for hanging floor joists, but can additionally be used for such applications as roof systems, exterior deck installations, or anchoring or fastening an interior or exterior applied frame partition wall to an ICF wall.

## CONSISTS OF:

2 stamped flat sheet plates, which can be roughly installed within the form and an adjustable stamped bearing bracket which is accurately fixed after the concrete pour by simply screwing 3 #10 self-tapping/self-drilling screws (1.5" (38mm) in length or equivalent to the joist width) into each side of the joist as specified.

## NOTE:

It is important to establish a proper truss or floor joist layout prior to installing the alignment system. This ensures the bracing system does not interfere with the hanger system.

1. Ensure you have a proper truss layout.
2. Take special care to note any double truss or girder requirements.
3. A cut in the insert plate may be required for clearance around rebar.
4. Mount insert plates on either side of a small piece of 2x4 (38mm x 89mm) (approximately 12" (305mm) in length).
5. Determine final elevation. This may require cutting a notch in the form.
6. Immediately after concrete has been poured, embed insert plates with 2x4 (38mm x 89mm) attached as per truss layout.
7. After concrete has set, remove 2x4 (38mm x 89mm) pieces. Now insert plates are ready for trusses to be inserted.
8. In most cases, screwing into the gang nailer or wood member should be adequate. (Check with local building codes).
9. In hurricane prone areas, stamped bearing bracket may need to be installed over the truss member and fastened to the insert plate.
10. Wind bracing will still be required as per engineered truss design.