



## THERMOBUILT CONSTRUCTION OVERVIEW:

- 1. PLACING ANCHORS IN WET SLAB:** Anchors are embedded in wet concrete on 24" centers to connect later to wall studs. (Pic. 010)
- 2. PANELS READY ON SLAB W/ANCHORS:** Anchors set to outside edge of slab. Prepared THERMOBUILT panels are stacked on slab and covered. (Pic. 009)
- 3. CORNER DETAIL:** Corner Post is secured to p.t. bottom plate which has been secured to slab. (2x6 p.t. bottom plate sections are sequentially numbered and marked for stud placements.) TB panels are then slid in to the post between the bottom and top plates. (Pic. 003)
- 4. WALL GOING UP:** 24" TB panel being placed on sole plate and slid in place to adjacent stud. Top plate is placed and nailed to stud tops to keep studs vertical and lock-in panel. (Note complete window & door sections are inserted where indicated, like routine panels.) Electrical chase is kept to inside. (Pic. 005)
- 5. WALL ASSEMBLY ON SLAB:** Walls progress in two directions from first-placed post. (Pic. 016)
- 6. SLAB TO STUD ANCHORS:** Slab tie-down anchors are bent upwards and nailed to vertical studs which are hidden within panels. (Pic. 006)
- 7. RAFTER/RIDGE DETAIL:** Ridge beam is placed and secured to support posts. Rafters are attached to Ridge Beam with hangers. (Pic. 030)
- 8. INSERTING ROOF BEAMS IN TJI's:** Pre-cut insulation roof beams are inserted snugly between TJI rafter webs. (Pic. 013)
- 9. RAFTER-TO-STUD STRAPS:** Hurricane straps attached to rafter tails are nailed into top end of studs—thus completing house tie-down to foundation. (Pic. 048)
- 10. COMPLETING ROOF DECKING:** Roof sheathing is nailed according to local code leaving gap at ridge to allow upward air-flow from eaves to exit at top ridge vent. (Pic. 008)
- 11. COMPLETED SHELL:** Roofing felt (#30 recommended) is attached prior to nailing on shingles. (Pic. 050)
- 12. HAPPY HOME OWNER:** Optional non-insulated garage can be added on to THERMOBUILT Kit home. (Pic. 001)
- 13. BRICK AND SIDING:** THERMOBUILT homes can be finished-out with brick veneer, stucco, siding or multiples of any. (Pic. 021)
- 14. DRY-IN INSPECTION:** Note wedge foam-seal between top plate and rafters that completes the insulation envelope, stops infiltration and makes available comfortable insulated attic space. (Pic. 031)
- 15. INSULATED ATTIC:** Knee wall in bonus loft hides HVAC ducting and provides hidden storage space. (Pic. 024)
- 16. LOFT BONUS:** A higher roof pitch can provide bonus loft living area. (Pic. 049)
- 17. WINDOW DETAIL:** Note header connectors and electrical wire chase. (Pic. 011)
- 18. VENTED SOFFIT:** Allows fresh air to enter in at the vented soffit and exhaust from continuous ridge vent at the roof peak. (Pic. 029)
- 19. STUCCO FINISH:** THERMOBUILT panels permit easy stucco finishes. (Pic. 027)
- 20. HOME OWNER:** Completed home, happy home-owners. (Pic. 046)

Visit [www.thermobuilt.com/gallery](http://www.thermobuilt.com/gallery) for photos of diy kits.

# THERMOBUILT GALLERY:



1. PLACING ANCHORS IN WET SLAB: (Pic. 010)



2. PANELS READY ON SLAB W/ANCHORS: (Pic. 009)



3. CORNER DETAIL: (Pic. 003)



4. WALL GOING UP: (Pic. 005)



5. WALL ASSEMBLY ON SLAB (Pic. 016)



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