INSULATED
CONCRETE FORMS

CONCRETE BUILDING SOLUTIONS

QUAD-LOCK®
The Quad-Lock Advantage

Advantages for Owners

Durable & Resilient
Quad-Lock ICF construction gives you a strong, steel reinforced concrete structure—the material of choice for large residential, commercial and institutional projects. Buildings built with Quad-Lock ICF offer lifecycles measured in centuries instead of decades and lower risk of costly water damage. Built-in resilience can qualify owners for insurance discounts in many areas, sometimes worth hundreds of thousands over time.

Healthy, Cozy & Safe
Quad-Lock panels are manufactured from high density, biologically safe, fire retardant, long-lasting expanded polystyrene (EPS) creating healthy and cozy indoor environments. The fire resistance rating of a finished Quad-Lock wall with 8” concrete thickness is 4 hours per tests.

Ultra Energy-Efficient
With Quad-Lock you can build walls with your choice of insulation value, from R-22 to R-59. Choose the optimum Insulation Value depending on your local climate and energy-saving goals. High, continuous insulation combined with low air infiltration and the thermal mass of concrete provide at least 58% better R-Value than most wood-frame walls.

Advantages for Contractors & Architects

Versatility
Only 4 main components allow numerous R-Values and any desired wall widths.

Flexibility
Quad-Lock can easily be shaped to form design elements of modern buildings—openings, corners, angles, curves and arches.

Ease of Installation
Easily build around doors, windows, column reinforcements, rebar, etc.

Reduced Costs
Achieve faster construction times by combining many steps (framing, sheathing, insulation, vapor barrier) into one single step. Insurance and on-site security costs are less.

Quad-Lock Technical Team
We are available to help with all facets of your project and have an unmatched dealer network providing local support and inventory.

"Essentially, Quad-Lock ICF allowed me to sculpt my design. We created multiple radius walls and arches which would have been near impossible with conventional building methods."

BARRY OBERPRILLER
BUILDER/DESIGNER
LEVERETT, MA
There are only four main components to the Quad-Lock system (panels, ties, brackets and track), which assures simplicity in construction and supply.

1. **Panels**
   - Made of high density, fire retardant expanded polystyrene (EPS)
   - Panels are 48” long by 12” high
   - Scored and slotted every 2” for easy measuring, cutting and tie placement
   - Combine different panel thicknesses for a multitude of different R-Values

2. **Brackets**
   - Metal brackets used for constructing 90° corners, angles of any degree, openings, pilasters, columns, T-walls and intersecting walls
   - Create the strongest ICF corners in the industry, no zip-ties or expensive clips needed

3. **Ties**
   - Available in 6 standard lengths for varying wall widths and color coded for easy identification
   - Injection-molded, high density Polyethylene (HDPE)
   - Provides additional strength at high-pressure areas such as corners and T-walls
   - Allows unlimited wall cavity size by combining extender ties with standard ties

4. **Track**
   - Used for alignment on bottom of walls and clean finish on top of walls
   - Pre-bent galvanized steel available in 2¾” and 4¾” widths as well as Flex-track for radius walls
Quad-Lock Panel Configurations

THE LEADER IN R-VALUE*

*R means resistance to heat flow. The higher the R-value, the greater the insulating power.