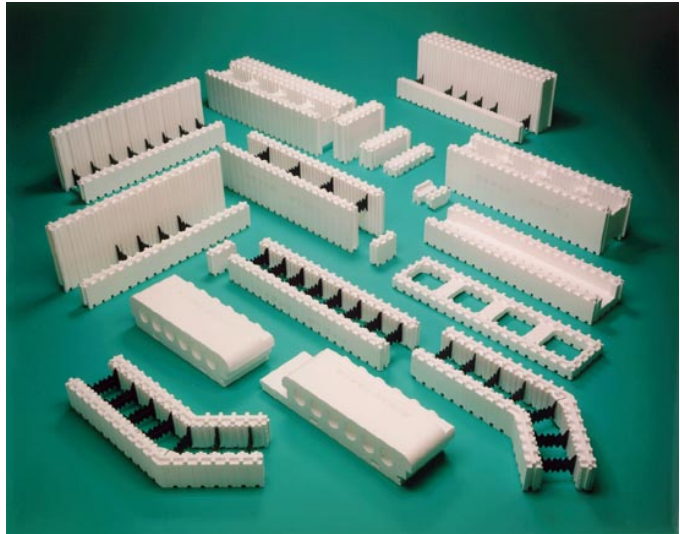
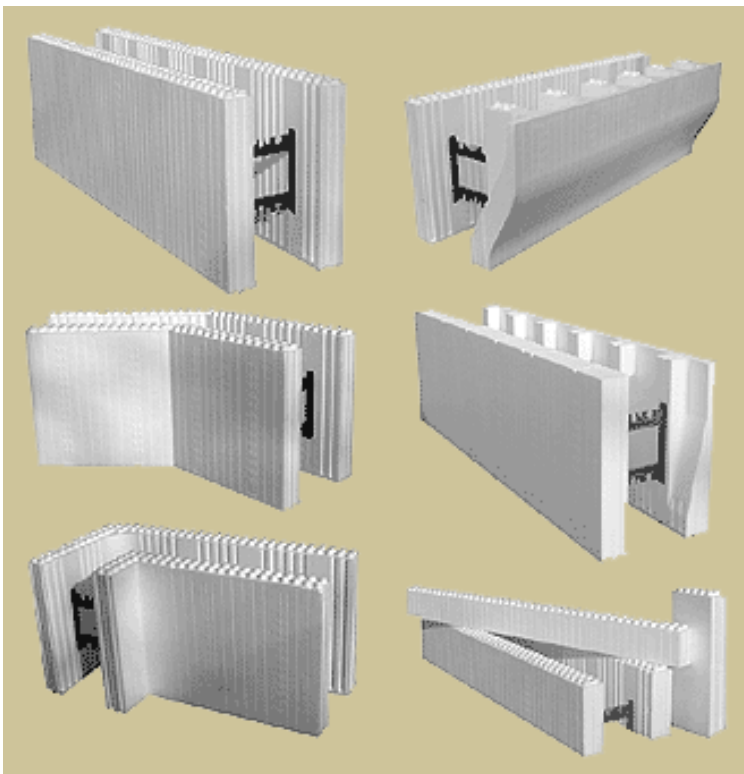


What is an Insulating Concrete Form (ICF)

While there are several types of forms, (blocks, plank & panels) the basic function is to provide an interior and exterior polystyrene wall, that when erected will provide a form structure capable of containing concrete when placed. The insulating form stays in place after the placing of the concrete to provide your insulation as well as a vehicle for attaching your internal and exterior finishes.



Picture 1: Various Forms

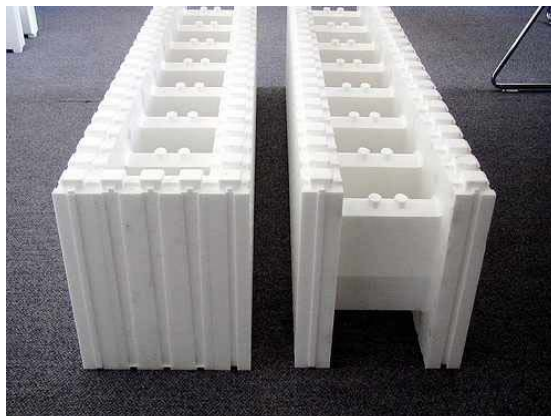


By far the most common foams are expanded polystyrene (often abbreviated EPS) and extruded polystyrene (XPS). EPS consists of tightly fused beads of foam, an example being vending machine coffee cups.

XPS is more continuous, it does not have the "grain" appearance of EPS.

Picture 2: Argentina -Forms

Picture 3: ICF Forms



ICF In China

Insulated Concrete Forms give you the best living environment because you can easily build safer, more comfortable & environmentally friendlier homes and commercial buildings.



Insulated Concrete Forms (ICF) are revolutionizing the global building industries for residential, commercial, and institutional developments. Building with Insulating Concrete Forms is gaining momentum over other building methods because of its unparalleled comfort, energy efficiency, and safety ratings at comparable costs. The most important is, it is very easy and simple to use, flexible to adjust.

Picture 4: ICF Building in China



Picture 5: EPS insulated wall

ICF Features

1. SIMPLE – FAST – ECONOMIC
2. TOTAL ARCHITECTURAL FREEDOM
3. ENVIRONMENTALLY SAVE & FRIENDLY
4. ENERGY EFFICIENT & SOUND-ABSORBING
5. SUPERIOR FIRE RESISTANCE
6. USE OF PRIMARILY UNSKILLED LABOR
7. MONOLITHIC CONCRETE CONSTRUCTION
8. REDUCTION OF CONSTRUCTION TIME (>60%)
9. REDUCTION OF COSTS (min. 15%)
10. BLOCK MATERIAL IS 100% RECYCABLE
11. ENERGY SAVINGS >70%
12. REDUCTION OF NOISE: 46dB
13. BLOCK MATERIAL IS BIOLOGICALLY NEUTRAL
14. BUILDING HOMES SAFE AND SOUND

EPS ICF SHAPE MOLDING MACHINE



welcome all your opinions: info@eishimachinery.com