

Insulating Concrete Forms

Hoette Residence
Chesterfield, MO



Benefits of Insulating Concrete Forms (ICF)

Stronger and Safer - Protection from hurricanes, tornadoes and earthquakes. Fire-resistant too. No CFCs HCFCs or formaldehyde, that means cleaner and healthier air.

Energy Efficiency - Exceptional insulation. Significant ongoing savings and increased personal comfort levels. Thermal performance values equivalent to, or better than, R-50 wood-frame construction.

Sound Reduction - Sound Transmission Class (STC) ratings of 50 and higher.

Construction Efficiency and cost-effectiveness - Ability to keep the building project on time and on budget.

Owner: Joe Hoette
Architect: Shaub Design Group
Engineer: McGuiness
Builder: DeShetler Homes

Wall System: ARXX System
Size of Building: 8000 sq. ft.
Size of Lot: 3.25 acres

Special Features: 2 levels, walk out ranch home. Lower level: 10' + 12' Clear Finish Upper level: 10', 11' + 14' Tall Great Room Colored Stamped Concrete Throughout.

Why ICF was Chosen: Soundproofing (at end of Spirit Airport Runway) Fireproofing (in woods with no public Fire hydrants) Insulation of 8000 s.f.