

Concrete Facts

Poured Wall Basements: The Concrete Solution

The solution to today's foundation needs is cast in concrete. Poured concrete walls provide builders and owners with stronger, drier, better basements. They offer performance that block walls simply can't match, and do so at a competitive price.

Strength

Solid concrete has an ultimate flexural strength many times greater than block, making it better able to resist cave-ins caused by lateral pressures of wind, earth, and water. Its ultimate compressive strength is also greater, making it better able to support vertical building loads. Poured concrete walls also grow stronger during the first five years after construction.

Maintenance Ease

Poured concrete basements need virtually no maintenance. Concrete's composition is resistant to rot, decay, rodents, termites and fungi. Poured concrete is non-toxic, and contains no preservatives.

Fire Resistance

Because of its density and joint-free construction, poured walls offer twice the fire resistance of hollow core block walls.

Affordability

Poured walls are competitively priced in comparison with block walls, and offer greater performance!

Water Resistance

Solid concrete walls are essentially impervious to the passage of water. Solid concrete has fewer and smaller voids than block and is less porous. It offers almost twice the density of hollow core block and weighs approximately 50 lbs more per cubic foot. As a result, poured concrete basements stay drier.

Design Flexibility

Poured wall construction is adaptable to most home styles including ranches, duplexes, split levels, condominiums and apartments. The walls can be finished in a variety of attractive choices such as smooth, stucco, brick, board, and more. Poured concrete fits in perfectly with today's diverse lifestyles.

Time Savings

Using poured wall construction gives the builder a head start on framing. A typical poured wall installation involves a three-day cycle. When compared to block construction, this saves the builder time, increases productivity, and results in a superior basement.