

THERMAL-KRETE®

A Better Way to Build.

Precast Foundation Wall Systems

The time has never been better to install a Thermal-Krete® Precast Foundation Wall System in your new home. Thermal-Krete® is superior to block or poured walls because they are stronger and dryer with better thermal efficiency. A Thermal-Krete® system installs in only about five hours in any conditions, and they can be refinished in a fraction of the time and cost of block or poured walls.

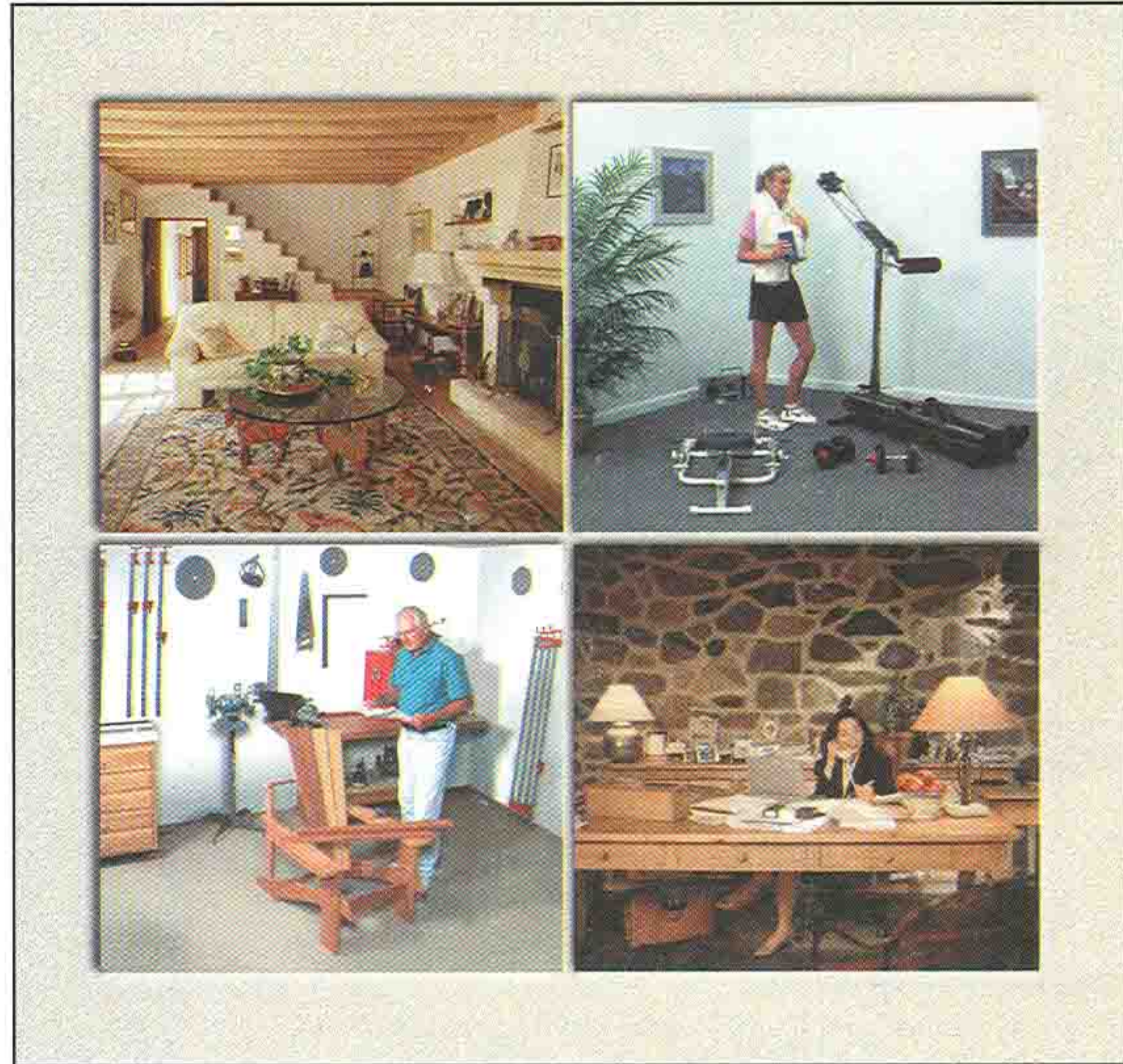
Precast foundations have been used successfully for over two decades, and Thermal-Krete® incorporates the most significant advances in pre-engineered foundation technology with the introduction of their monolithic panel design that casts the entire panel as a single unit.

Thermal-Krete® was developed with the same proven technology used to make precast concrete bridges and other critical highway components. A Thermal-Krete® system will withstand the forces of nature, keeping your basement dryer and warmer for a true living area. Best of all, Thermal-Krete® is competitively priced with traditional foundation systems.

Take a few moments to understand Thermal-Krete® technology and you'll know why more home owners and home builders are making the switch to precast than ever before.

Family Room

Home Gym



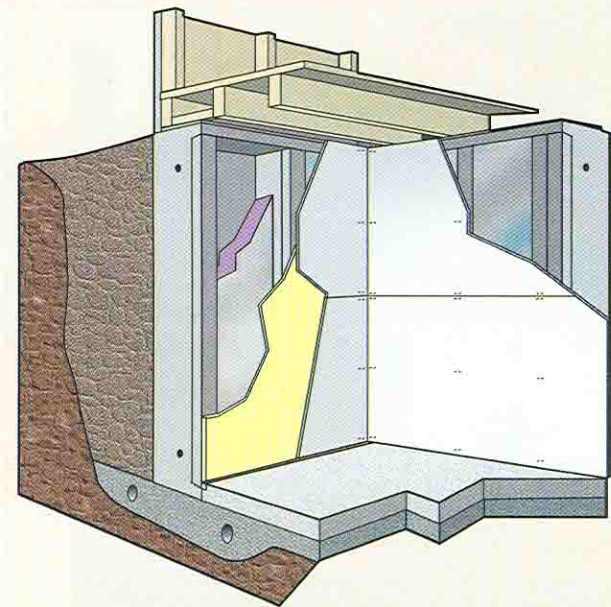
Work Shop

Home Office



The Living Basement

Living Basement Standard Design & Features



Variety of sizes

Thermal-Krete® panels are available in standard 5' (crawl spaces and porches) and 8' for standard basements. 10' are available in certain areas. Lengths vary up to 16'. Custom sizes are available by special request. Consult your Thermal-Krete® supplier for more information.

Reinforced Bond Beam

Evenly distributes weight over entire panel.

Flexible by Design

Panels available with door, window openings as well as brick ledges and suspension beam pocket.

Single Piece Corner System

Corner sections are monolithically poured for exceptional strength. Thermal-Krete®'s one piece corner system is designed for easier installation of wallboard and paneling through corner nailing studs.

Additional Insulation

Accepts up to 8-1/2 inches of insulation for an R-30 value (by owner).

Polyethylene Air Gap Textured Wrap Water Stop

The key to proper water management; ensures a dry basement.

Vapor Barrier

(by owner)

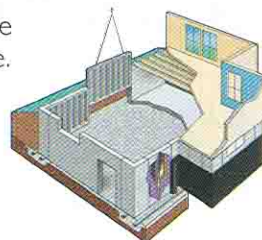
Watch How Fast Your Basement is Ready

The site is prepared slightly larger than the overall footprint of the finished building. A gravel bed 6" or deeper is spread and two-4" perforated drainage pipes are installed for water removal. The site is carefully leveled and compacted to within one inch for installation of the wall system.



Installation is Quick and Simple

The precast units are delivered to the job site by truck and lifted into position using a crane. The reinforced steel panels have a built-in upper and lower beam and require no pre-installed footer. Thermal-Krete® panel systems can be installed in any weather conditions, regardless of temperature.



Your New Basement Will Resist the Elements

A polyurethane adhesive is applied to the connecting faces, and the panels are bolted together using steel hardware. A final protective Air Gap Waterstop Wrap is installed to eliminate hydrostatic pressure and effectively control water drainage.



Superior Quality in a Fraction of the Time

The finished Thermal-Krete® foundation is fully installed in as little as five hours. The basement floor slab is poured and final backfilling can proceed once the first-floor joists are in place. Thermal-Krete® Foundation Systems are installed only by officially licensed and fully trained technicians to insure a perfect job and the highest quality installation.



KISTNER CONCRETE PRODUCTS INC.
SUPERIOR PRECAST PRODUCTS THROUGH ENGINEERING

THERMAL-KRETE®



**50 Years of Technology
& Innovation**

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