



INSULWALL

for exterior walls...

is a patented wall system integrating conventional framing components with high insulation value rigid foam panels. Eliminates thermal bridging and moisture in wall cavities.



INSULATION SOLUTIONS

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INSULWALL is a patented Canadian building technology developed by TRUEFOAM. It combines insulation and framing in a unique system that unites conventional wood framing with highly efficient rigid insulation and also eliminates the need for exterior sheathing. It offers outstanding energy conserving properties, and saves trees by using structural wood very efficiently.

The core of the system is TRUEFOAM expanded polystyrene (EPS), an exceptionally versatile insulating material. Used in construction since 1951, EPS is well known for its durability, thermal stability, and safety.

Since EPS is breathable, it allows water vapour to pass through, eliminating condensation and the related threats of rot, mould and mildew. However, because TRUEFOAM EPS is composed of a solid structure of closed cells, it does not permit the kind of air movement that causes convection heat losses so typical of homes built using fibrous insulations.

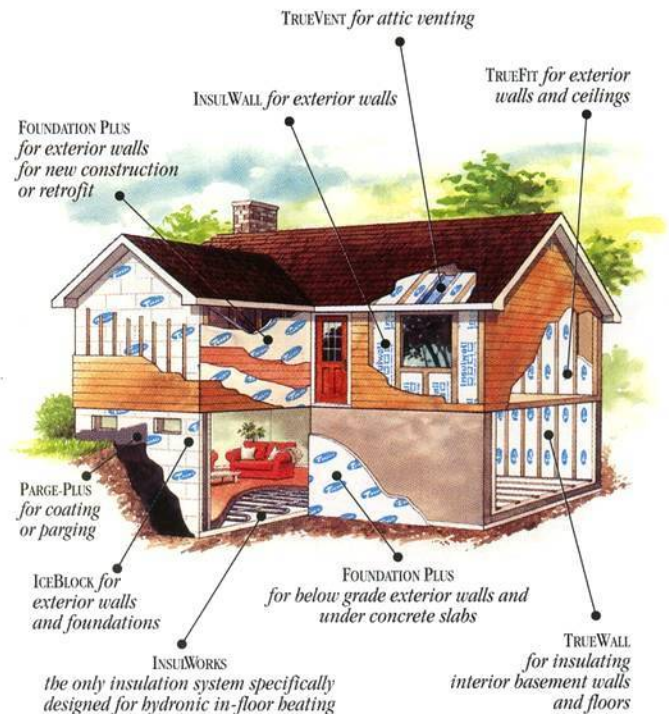
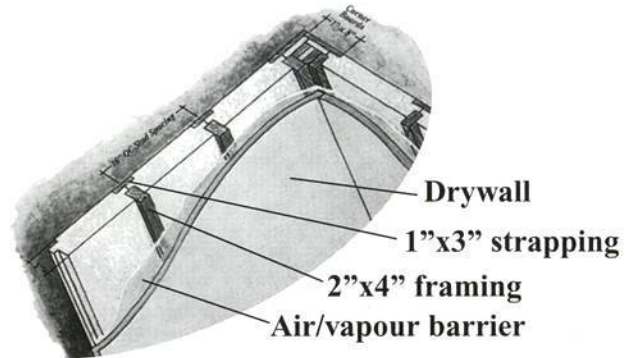
INSULWALL takes maximum advantage of the structural integrity and insulating ability of EPS. Standard wood framing members, contained in slots within the EPS panels, are separated from the exterior surface of the wall. This prevents thermal bridging, where heat escapes through framing - often a major cause of heat loss in traditional construction. Exterior finish siding is attached to 1" x 3" strapping incorporated in the outer face of the InsulWall panel.

The unique design of INSULWALL permits standard 2" x 4" studs to be used to meet R-value requirements that would demand 2" x 6" framing in other systems.

INSULWALL isn't just about walls, either. The system includes high R-value ceiling components as well. INSULWALL meets and surpasses all national building code requirements, and is used as an approved and accepted method under the R-2000 program.

INSULWALL is available in pre-assembled wall sections custom made to suit your house plans, reducing on-site labour to a minimum. If you prefer, it can also be provided in the form of easy-to-assemble components.

INSULWALL is part of an integrated system of TRUEFOAM insulation products designed for cost effectiveness, durability and versatility. TRUEFOAM insulation products can substantially reduce heating costs while protecting the integrity and long-term comfort of your home.



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