

INSULWALL

Total Wall CI
High-performance Continuous Insulation



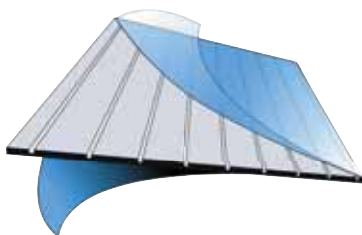
Total Wall System Advantage

Exterior insulation systems have been immensely popular for many years. The concepts of installing rigid insulations to exterior walls are effective in energy conservation, design latitudes, rehabilitation needs, and installation capabilities. The technology of the Total Wall system introduces a new kind of insulation material integrated with traditional stucco or hard one-coat cement finish systems. Total Wall is an exterior insulation system virtually indestructible, waterproof and permanently mechanically anchored.

Total Wall uses R-TECH expanded polystyrene insulations. R-TECH has a dense foam structure, water-resistant film skinned surface, and integrated weep channeling. R-TECH offers a natural barrier against water in any form. R-TECH insulation has code recognition as a weather resistant barrier.

Features and Benefits

- Air infiltration and moisture penetration are eliminated
- Reduces thermal bridging and thermal shock
- Minimizes surface cracks
- Combines versatility and durability for a complete, long-term working system



Installation Recommendations

R-TECH insulation is fastened to the exterior framing spaced a minimum 24-inches on center. The boards are attached to the framing with a minimum 1-3/4 inch long fastener spaced at 12- inches on center. Joints between board and corners must be taped with Insulfoam Poly-Gard tape. Install weep screed, trim, flashings and expansion joints as required. Self-furring metal lath should be anchored mechanically to the exterior framing members. Apply base- and finish-coat per manufacturer's recommendation. R-TECH brand insulation is nonstructural. To comply with local codes, provide adequate corner bracing, such as diagonal 1" x 4" let-in wood bracing or flat profiled steel bracing.

Insulfoam's Poly-Gard tape is specially formulated for compatibility to the skinned surfaces of R-TECH insulation. The green Poly-Gard tape is easy to install and won't sag, forming an excellent bond without chemically attacking the insulation core. Poly-Gard is supplied in 2-inch wide, 36-yard long rolls.