

# CertainTeed T-Roc™

## Thermal Laminate Foundation Insulation System

### The Superior Solution for Insulating and Finishing Poured Concrete Walls

- T-Roc: A composite panel comprised of GlasRoc® paperless gypsum boards permanently laminated to high R-value EPS foam
- Panels install easily in conventional concrete wall forms with minimal extra set-up time
- Strip forms to reveal an insulated, semi-finished basement!

**More Economical and Easier to Install:** T-Roc is more economical, and can be installed with far less labor and in a fraction of the time required for traditional methods (stud frame out, batt insulation, drywall) that require additional trades people.

**Choice of Sizes:** Standards include 3' wide by 8' or 9' high panels, with foam thickness up to 3". Special configurations are also available.

**Weather Resistant:** Exterior-grade T-Roc will hold up to the harshest weather conditions before the 1st floor deck is installed and the basement is enclosed.

Insulation R-Values		Wall Assembly R-Values	
Foam Panel Thickness, Inches	Panel Min. R-Value (1)	Concrete Wall Thicknesses 8"	Standard 10"
2.0	7.2	9.2	9.4
2.5	9.0	11.0	11.2
3.0	10.8	12.8	13.0

International Energy Conservation Code Compliant (for Foundation Walls)  
(1) Per ASTM, C578-05a



#### Meets Code Requirements:

- Meets IRC 2006 requirements for insulated basement walls
- Exceeds UL 1715, fire test for interior finish material (room corner burn test)
- Meets IBC and IRC requirements for 15 minute thermal barrier protection of foam plastic insulation

**The Better Basement Insulation Choice:** The combination of paperless GlasRoc and EPS offers superior moisture resistance and provides no food source for mold to grow, so mold and mildew concerns are minimized.

**Trade Friendly:** A 1.5" diameter electrical chase with room for three wires runs from the top to the bottom of each T-Roc panel, so electrical installation throughout the basement can be easily accomplished.

**Choice of Finish:** The Builder has the option of offering T-Roc left as is, a ready-for-occupancy semi-finished insulated basement, or with minimal additional effort, boards can be finished using fiberglass mesh joint reinforcing tape and setting compounds, followed by painting for a beautiful finished look suiting the homeowner's decor.

**Termite Resistant:** T-Roc's EPS foam is treated with non-toxic Perform Guard® for superior termite protection.

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CertainTeed Corporation  
P.O. Box 860  
Valley Forge, PA 19482

Professional: 800-233-8990  
Consumer: 800-782-8777  
[www.certainteed.com](http://www.certainteed.com)

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