

# 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 a move-in quality 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	T-Roc Panel Min. R-Value (1)	Concrete Wall Standard Thicknesses				
		8"		10"		
2.5	9.0* 9.6†	11.0*	11.6†	11.2*	11.8†	
3.0	10.8* 11.6†	12.8*	11.6†	13.0*	13.7†	

International Energy Conservation Code Compliant (for Foundation Walls)

(1) Design Thermal Resistance  
\* With thermal mass of foundation wall  
† Without thermal mass of foundation wall

buildingresponsibly™



#### Meets Code Requirements:

- Meets IRC 2009 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:** An 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. Perform Guard is a registered trademark of AFM Corporation.



**Patent Pending**

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