



PANELLA RESIDENCE

Vonore, Tennessee

- Designed from the ground up to maximize energy efficiency, this residence combines the insulating properties of ICF with an innovative “river loop” geothermal HVAC system that uses the nearby river as a thermal mass.
- The home was designed to leverage the logistical benefits of ICF, addressing both the homeowners’ and the builder’s concerns about the environmental impact of materials transport.
- Nudura ICF proved to be a highly flexible and accommodating construction method in a various conditions.



Project Statistics

Type:	Large Residential
Size:	5,998 sq. ft.
ICF Use:	11,394 sq. ft.
Cost:	\$1,700,000
Total Construction:	300 Days
ICF Installation Time:	25 Days

Construction Team

General Contractor:	Mike O’Hara
Form Distributor:	Greg Birtsch
ICF Installer:	Chuck Parks
Architect:	Scott Kinzy

Tremco Construction Products Group (CPG) brings together Tremco CPG Inc. and its Dryvit and Nudura brands; Willseal; Prebuck LLC; Tremco Barrier Solutions, Inc.; Weatherproofing Technologies, Inc. and its Pure Air Control Services and Canam Building Envelope Specialists offerings; and Weatherproofing Technologies Canada, Inc.



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Construction Products Group

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