

# GREEN BUSINESS QUARTERLY

WINTER 2009

MOVING FORWARD WITH  
A FOCUS ON GREEN HOME  
CONSTRUCTION

**HOME PERFECTION  
CONTRACTING LLC.**

# HOME PERFECTION CONTRACTING, LLC



## VIRGINIAN CONSTRUCTION COMPANY GETS GREEN INNOVATIONS FROM OWNER

by Jennifer Kirkland

*Above: Green product easily adapts to old structure.*

AHMAD KHRESHI FOUNDED HOME PERFECTION Contracting LLC in 2004 to combine his desire to create with his aspiration of achieving the American dream. After emigrating from Jordan, Khreshi says, "I started at the bottom of the ladder, working a desk job at a bank. But that work didn't fulfill my passion to build something from nothing." With a solid base of handyman skills, Khreshi began working with a building contractor to get hands-on training.

Using his Bachelor of Arts in business management, Khreshi created a business plan and formed his own residential construction and remodeling company. He took classes, earned a Class-A license, and completed his first projects for family and friends. "Today," says Khreshi, "we have top ratings for client satisfaction and quality of work."

From small remodeling jobs to complex additions and new construction, Home

“Crew members now take pride in coming up with innovative ways to reuse materials and save money, both for the company and the client.”

*Ahmad Khreshi, Owner*

Perfection does a little bit of everything in the residential market. The company, based in Springfield, VA, has experienced healthy growth since its inception, and it now shifts its focus to energy-efficient and green home construction. As it delves into sustainable design, the company also plans to explore converting existing conventional homes to green homes.

Green processes and techniques that Home Perfection often incorporates include:

- Natural cotton fiber insulation by Bonded Logic, which offers superior R-value performance, mold resistance, excellent noise absorption, and no skin irritation;
- Paperless, mold- and moisture-resistant drywall;
- Recycling and reuse of all construction debris.

“It’s a time-consuming task for the crew to clean and remove the nails from the wood studs we reuse,” explains Khreshi, “but it makes me feel better knowing that I’m reducing the impact on the environment. Crew members now take pride in coming up with innovative ways to reuse materials and save money, both for the company and the client.”

Though some sustainable building applications do carry a price premium, Home Perfection does what it can to make green building affordable to its clients. When the company offers green upgrades that are more expensive

In a recent addition project in Arlington, VA, home perfection incorporated the green features and techniques, including:

- Minimal land disturbance and impact on surrounding tree roots
- Redistribution of excavated soil under crawlspace, minimizing waste and adding protection for the foundation with respect to frost level
- Energy Star insulated windows to provide adequate daylighting
- Tankless, on-demand water heater
- Low-flow water fixtures
- Cotton fiber insulation
- Fiber cement siding
- Scrap-wood pieces to duplicate original soffit cornice
- Oriented strand boards (OSBs) on exterior walls and roof sheathing
- Electric floor heating systems in tiled areas, minimizing loss of heating energy



*Above: Small space. large impact in this kitchen remodel.*

than conventional equivalents, it often reduces its profit margin to make those options more attainable.

"I want to ensure that high-quality workmanship along with lasting materials are used in our projects," says Khreshi. "Green [building] is not only using ecofriendly materials but also durable ones. For example, if tile is installed correctly the first time and a solid floor is prepared beneath it, that helps prevent cracks that will require reinstallation. This reduces landfill waste, environmental waste, and financial waste."

The company will soon begin building a green home that Khreshi hopes will be the first LEED-certified home in the DC metro area. New products and technologies will include an electromagnetic cooktop that heats twice as fast and uses 30 percent less energy than its conventional counterpart. Home Perfection also uses Energy Star appliances, lights, heating systems, and windows as well as Kalwall with Nanogel, a diffused-lighttransmitting system that provides lighting and an insulation value higher than the wall itself.

Khreshi's goal for the future of Home Perfection is to continue making sustainable building available to its clients, and to be the premier green homebuilder in the DC metro area. "Eventually," Khreshi says, "we'd like to build entire green communities." GBQ



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