

ENERGY SAVING IDEAS

Insulation As Part Of A “Whole House” Approach

(NAPSA)—When it comes to new-home construction, insulation is a key factor in saving energy, reducing noise, increasing comfort, and providing a healthier and safer indoor environment and improved building durability. Fortunately, newer methods of installation are providing the benefits that homeowners desire.

For maximum energy efficiency, builders are now considering the interaction between the insulation and other building components, an approach known as “whole-house systems design.” Related components include appliances and home electronics; insulation and air sealing; lighting and daylighting; space heating and cooling; water heating; and windows, doors and skylights.

One example of this kind of insulation is a fiberglass product designed for use in new construction, closed-cavity applications such as sidewalls, cathedral ceilings and floors. Unlike most existing blown-in systems that require an adhesive mixed with the insulation, the new product is blown in without any additives. Plus, it installs up to 30 percent faster and has less dust and fiber fly, resulting in a reduced mess and quick cleanup on the job site.

Known as OPTIMA[®], the product consists of two components: insulation and nonwoven fabric. The insulation is blown in behind the fabric into a wall cavity at a high density and provides the highest R-value possible in typical sidewall applications. The fabric prohibits insulation from falling out of the cavity and reduces fiber fly.



A trained operator can easily give your home a custom-designed, thermally efficient blanket that fills any void.

The combination is designed to completely cover every nook and cranny and is an especially good choice for insulating around wires, pipes and other fixtures.

“Unlike wet-spray cellulose systems, there’s simply no waiting time required for insulation to dry—which saves on construction time and costs,” explains Mike Loughery of CertainTeed. “In addition, because the insulation is dry, there’s no worrying about moist insulation supporting mold or fungi growth.”

OPTIMA is permanently non-combustible and contains no chemicals that can cause irritation, corrode pipes and wiring or create noxious odors. It is not a source of food or nesting support for insects or animals. In addition, it is backed by a CertainTeed limited lifetime warranty.

To learn more about proper insulation for your home, visit www.certainteed.com or call (800) 782-8777.