

with a vast array of government, utility, academic, and non-governmental agencies to address energy efficiency and renewable energy, water, solid waste and other materials flow, mobility, and place-making. It has received a U.S. Dept. of Energy Technical Assistance Award from the Commercial Buildings Partnership Program administered by the National Renewable Energy Lab, and has additional corporate partnership/sponsorships with AT&T Colorado, MoyeWhite, LLC and Brownstein Hyatt, Farber & Schreck, LLC, and United Technologies Corporation and their affiliate Architectural Energy Corporation.

Pricing

EagleView Technologies, a leader in 3D aerial roof measurements, continues to change the roofing industry by announcing easy-to-understand, square-based report pricing for contractors. Cost is now determined by the size of the roof in squares, with residential roofs falling into small, medium and large categories; commercial roofs are now one price.

Under the new square-based pricing a small residential roof is 20 squares or less, a medium is 21 – 40 squares, and a large is 40-plus squares. Prices will vary depending on volume and business partnership programs that may be available to roofing contractors who are certified with manufacturers or members of certified partner organizations. Contractors will qualify for bronze, silver, gold, or platinum pricing under the new EagleView Edge Rewards program.

LCA Data

Based on a recent life-cycle analysis (LCA), CertainTeed® Vinyl Siding, CedarBoards™ Insulated Siding and Cedar Impressions® Polymer Siding outperformed other exterior siding products in terms of environmental and economic performance. The company publishes LCA data through

the National Institute of Standards and Technology's Building for Economic and Environmental Sustainability (BEES) program, an online software program that allows the comparison of building products on a life-cycle basis.

The LCA, which was conducted by Sustainable Solutions Corporation of Royersford, Pa., included an in-depth analysis of the products' impact on the environment throughout its entire lifespan. The analysis included an evaluation of raw material acquisition, manufacturing, transportation and distribution, installation, maintenance, and end of life disposal. The LCA data was submitted to BEES for independent review and publication.

In terms of overall environmental performance, CertainTeed siding products performed better than other cladding materials in the BEES system. Environmental performance is based on 13 impact categories, such as human health, global warming potential, air pollution, and smog.

CertainTeed has streamlined its operations to reduce carbon emissions and reprocess all vinyl scrap, resulting in near-zero waste manufacturing facilities. The majority of the company's product lines contain recycled content, including CedarBoard's insulated siding's industry-leading 53% recycled content. Additionally, CertainTeed has established a network of 160 vinyl siding recycling centers throughout the United States, helping to divert siding from being landfilled at the end of its useful life.

An online program designed by the National Institute of Standards and Technology (NIST), BEES offers transparency and credibility into a product's performance since data is reviewed and verified by NIST. The BEES system aligns with ISO 14040, the internationally recognized standard of the International Organization for Standardization.

Insulation Marketplace

Lapolla Industries, Inc., a Houston based manufacturer and supplier of spray foam insulation, cool roof coat-

ings, and equipment designed to reduce energy consumption in the residential and commercial markets, for both new construction and retrofit applications, announced entering into an agreement with Ron Smith to better serve the insulation needs of the HVAC marketplace.

Ron Smith, author of the best-selling novels *HVAC Spells Wealth* and *HVAC Light Commercial Service Agreements* consults and coaches HVAC contractors nationwide and around the world.

There are 115 million residential homes in America. HVAC contractors understand energy efficiency. They can educate the homeowner showing how they can make a difference in energy losses in their home and provide the solution with Lapolla spray polyurethane foam. Spray foam and HVAC are two Building Science Components that relate to efficiency and comfort in one's home and reduced energy bills.

Television Launch

Veterans of the metal industry know that the best endorsements often come from the consumers who've chosen to protect their homes with an investment grade metal roof. With this in mind, the Metal Roofing Alliance (MRA) just created a new series of television commercials featuring testimonials with real consumers explaining why they chose a metal roof for their home. The new TV ads will air throughout the year on national cable and satellite networks that reach potential metal roofing customers, including the Weather Channel, CNN, HGTV, Fox News, DIY Network, and TNT, among others.

A standing seam roof by MRA member Metal Sales is featured in the first ad, along with homeowner Susan Lord, who lost her previous home in a wildfire. The MRA team filmed additional commercials in Missouri, Michigan and Montreal, Canada that highlight homes with painted and stone-coated metal roofs in a variety of styles that reinforce MRA's key messages of beauty, longevity, sustainability, and energy savings.

Tool Review

Heavy Duty Combo Kit

Testing the Porter Cable 18 Volt, 4-Tool Combo Kit

by Gillian Guzelis, contributing editor

As a roofing contractor and roofing professional, the Porter Cable PC418C-2 is the perfect combo kit for commercial or residential jobs. It comes with four tools. On top of that, it comes with a flashlight and a nylon storage bag. But, if that isn't enough, it comes with a 90-day, 1-year free-service money-back warranty. Take a minute to look at these new tools.

The first thing to catch the eye is the PC 1800D cordless drill/driver. It weighs 5lbs 1oz, and works flawlessly. It easily drove 2" lags and drilled 2" holes. The single sleeve chuck design can hold any drill bit perfectly, definitely a secure feature. Equipped with a 2-speed gearbox and high-performance motor, this drill can help with any project. It has lots of torque, 440 in-lbs. The LED above the trigger also adds to this tool.

Another helpful tool included in this kit is the Model PC186CS cordless circular saw. With a blade-cutting guide, this saw is very useful, easy and efficient on the jobsite. It can cut through 2x4 boards, 1x6 boards, and even 2x12 boards. The 6½" carbide-tipped blade is made to cut through thicker materials, and anything smaller, yet isn't too big. It has a no-load rpm of 3,700. It cuts easily, without speeding up or slowing down. However, the batteries run low fast. Having the Porter Cable's rapid charger around will keep it going longer, as well as an extra battery. The cordless circular saw also provides good visibility of the blade while cutting, providing safety for the roofing professional on and off the jobsite.

Along with the cordless drill/driver and cordless circular saw, this kit includes the model PC1800RS



THE PORTER CABLE PC418C-2 COMBO KIT.

cordless reciprocating saw. This saw would not be much use in demolition, because it cuts in straight strokes, not an orbital motion. It is very useful when simply cutting. You can't feel much vibration while working, and the huge padded handle area makes holding the saw a piece of cake. The lack of vibration limits user fatigue and makes it easy to work longer. It has an outstanding number of 3000 strokes per minute while working. Its stroke length is ¾". It was made with a user-friendly tool-free design, and blades are simple to change.

The last tool included is the model PC1800L flashlight. You may think a flashlight is no longer a necessary tool, but it's absolutely one of the most important. When lighting conditions are poor on the jobsite a flashlight is necessary. The model PC1800L is perfect for completing the tool kit. There isn't much to this flashlight, but it's handy. It's great for working in difficult, dark areas on

the jobsite. It doesn't have an LED bulb, but a 5-watt incandescent bulb. It can operate up to five hours on its own with one battery.

All the tools in this kit come in a nylon carrying bag, and are easily transportable. The bag is also perfect for storing tools safely. Also included in this package is a 90-day money-back, 1-year free service, 3-year limited warranty. Quite a mouthful, but a mouthful that guarantees satisfaction with this tool kit; satisfaction in a handy nylon bag.

The only downside to this kit is the batteries. They are clunky, and take up space. The idea of big and clunky batteries is to keep prices lower, which we all can appreciate, but if you have a problem with clutter, save up a bit longer and get the lithium-ion battery upgrade.

All in all, this tool kit is perfect for everyday jobsite needs. When done, just pack it all into the nylon storage bag, and put it away until the next project.

“The single sleeve chuck design can hold any drill bit perfectly...”