

BY VINCENT SALANDRO



## 1. Heavy-Duty Wood Lattice

Woodway Lattice is opposed-angle-stapled with the angle reversed at alternate lath intersections to hold the assembly tightly together, and the 4-by-8-foot panels are glued along at least four joint lines for additional strength. Suited for privacy or garden spacing, the Square Lattice, pictured, is available in western red cedar, redwood, mahogany, and treated western white woods in either standard ( $\frac{3}{8}$  inch) or heavy-duty ( $\frac{13}{16}$  inch) thicknesses. Woodway recommends applying a water- or oil-based finish to protect the wood. [woodwayproducts.com](http://woodwayproducts.com)



## 2. High-Performance Solar Shingle

CertainTeed says its solar Solstice Shingles integrate with any asphalt shingles and can produce about as much energy as conventional, rack-mounted solar panels without a bulky appearance. The shingles are rated for hail impact and can produce energy even under diffused light and shade, according to the company. The shingles can be installed by a contractor with the assistance of an electrician. [certainteed.com](http://certainteed.com)



## 3. Energy-Efficient Water Heater

The LG Inverter Heat Pump Water Heater offers a Uniform Energy Factor of 3.75, which will deliver greater energy savings (when the unit isn't operating off the electric-resistance backup) than conventional electric water heaters. This water heater reportedly provides up to 66 gallons of hot water every hour. The inverter system allows the heat pump to operate down to 23°F ambient air temperature, minimizing the need for the backup heat source. The water heater functions at a quiet sound level of 32 dBA and can be managed remotely using the LG ThinQ phone app. [lg.com/us](http://lg.com/us)

## 4. High-Tech Door Hardware

Copper Creek Hardware has launched Electronic LED keypad deadbolts and levers, in black coated, stainless steel, and polished stainless finishes. Each features a latch bolt that extends and retracts by an electric motor and digital LED touch screens. The deadbolts and levers have a limited lifetime warranty on the mechanical components. [coppercreekhardware.com](http://coppercreekhardware.com)

### 5. Self-Cleaning Range Hood

Hauslane's 30-inch Chef Series UC-C400 Under Cabinet Range Hood features a self-cleaning system that flushes steam and water (from a tray on the unit that users periodically fill with water) to clear grease from the internal fan. The ducted, under-cabinet range hood has dual motors and six speed settings, and it articulates with either a 6-inch-round or 10-by-3 1/4-inch-rectangular duct. Suggested retail price is \$340. [hauslane.com](http://hauslane.com)

### 6. Smart Thermostat Kit

Offering control over three types of indoor air quality equipment simultaneously, the Honeywell Home T10+ Smart Thermostat Kit from Resideo Technologies includes the Honeywell Home T10+ Smart Thermostat, a floor/slab sensor, an Equipment Interface Module, a wireless, smart room sensor, a wireless outdoor sensor, and a return and supply air sensor. The EIM allows for the installation of humidification, dehumidification, and ventilation systems without running new wires. [resideo.com](http://resideo.com)

### 7. Moisture-Resistant Exterior Paint

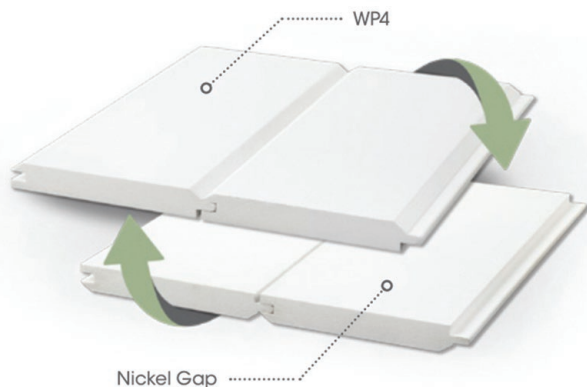
Element Guard is an exterior paint that Benjamin Moore claims is formulated to withstand wind-driven rain, excessive humidity, and high-moisture painting environments. The paint can resist rain as soon as 60 minutes after application and can be applied in temperatures as low as 35°F, according to the manufacturer. Available in flat, low lustre, and soft gloss finishes, Element Guard reportedly offers strong adhesion, cracking and peeling resistance, and mildew resistance. Pricing is \$66 per gallon. [benjaminmoore.com](http://benjaminmoore.com)

### 8. Multiuse Wood Screws

The MVP Multipurpose Wood Screw features FastenMaster's double-lead SureStart point and Torx tap drive for wobble-free installation. The manufacturer claims that its ProjectLife Coating delivers corrosion protection and its SureSink Head countersinks into the wood without compromising clamping force. The screws are available in six sizes from 1 1/2 to 4 inches. A box of 100 1 1/2-inch screws retails for around \$20. [fastenmaster.com](http://fastenmaster.com)



## 9 WP4 & Nickel Gap



### 9. Reversible PVC Trim

Wolf Home Products has added tongue-and-groove WP4 & Nickel Gap and Shiplap & Nickel Gap profiles to its trim lineup. The reversible profiles, made from lightweight, high-cell-density PVC, will not absorb moisture and can be cut, drilled, mitered, nailed, or glued without the use of special tools, according to Wolf Home Products. Both profiles come in 18-foot lengths and in 1-inch-by-6-inch and 1-inch-by-8-inch sizes. [wolfhomeproducts.com](http://wolfhomeproducts.com)

### 10. Fiber-Mesh Drainable Building Wrap

Engineered to protect multistory structures from the elements and manage excess moisture in wet, coastal climates, Typar DrainableWrap uses an integrated layer of fibers to create drainage and channel wind-driven rain and bulk water away from the structure. Typar says when it's used as part of the company's Weather Protection System, resistance to water and air intrusion is balanced with appropriate moisture vapor transmission. Available in 5-foot-by-150-foot rolls, it can be left exposed for up to six months. [typar.com](http://typar.com)

### 11. Pourable Floor Adhesive

Bona Quantum Flow from Bona US is a one-component, silane-based wood-floor adhesive. Reportedly easy to pour, the adhesive can cover a large surface area quickly and efficiently. It can provide acoustical sound deadening and prevent warping and buckling caused by humidity changes over time, according to the manufacturer. Typically ready for foot traffic in two hours, the product emits no VOCs and reportedly will not harm the finish on prefinished floors. [bona.com](http://bona.com)



### 12. Roof-to-Wall Flashing

As readers of *JLC* are aware, serious moisture damage can result from a lack of kick-out flashing. J'd Out Kickout Flashing from American Flashings has a two-step water deflector. The first is set at 2 inches high with an integral J-channel on top, and the second is an out-turned leg with a recessed channel. The first deflector bumps out an inch from the wall, allowing siding of any type to slide into the recess behind the out-turned leg so the end is hidden. The top channel hides the angle cut in the siding and is sized for a standard J-channel to slip into from the roof-slope side. The kickouts cost \$19 each or \$32 for a left and right pair. [americanflashings.com](http://americanflashings.com)



### 13. Weather-Resistant Decking Solution

ThruFlow Legacy XP panels assemble with connecting tabs and elongated screw holes. Because of their open architecture, the UV-resistant, non-slip panels are lighter in weight than other decking products and allow sunlight to pass through, which the manufacturer says keeps the decking surface cooler. Medium-strand-glass-fiber reinforcement and a thick rib structure below help the polypropylene panels withstand greater loads. The panels are available in 1-by-3-foot, 1-by-4-foot, 1-by-5-foot, and square 4-foot-by-4-foot sizes and in light gray, maple, and sea foam hues. [thruflow.com](http://thruflow.com)



### 14. Flooring Installation Portfolio

Laticrete has added profiles and trim to its roster of tile, stone, and flooring installation products. The German-engineered and -manufactured profiles and trim for floors, walls, countertops, stairs, and balconies are available in five materials: two stainless steel options, aluminum, brass, and PVC. The products can be used with a variety of finishes, including tile and stone, terrazzo, wood, and luxury vinyl tile in indoor and outdoor applications. [laticrete.com](http://laticrete.com)



### 15. HVAC Piping Wall Penetration Seal

The Airex Titan Outlet features an enclosure with weatherproofing capabilities that fits over and seals around piping penetrations using elastomeric gaskets and seals. The manufacturer claims its product prevents the wall gaps and exterior surface cracks associated with rigid wall penetration sleeves or rigid penetration flashing materials. An integral, over-molded, and flexible elastomeric sleeve seals refrigerant piping and insulation and includes a designated region for a stainless steel clamp that mechanically secures against vibration, rodents, and insects for outdoor use. [airexmfg.com](http://airexmfg.com)



### 16. Plug-in Power Vent

Rather than needing to be hardwired, the GAF Master Flow EZ Cool Plug-in Power Attic Vent plugs into a 110-volt electrical outlet. When installed as part of a properly balanced ventilation system, the vent delivers up to 1,050 cubic feet per minute of airflow and ventilates up to 2,000 square feet of attic space. Users can regulate attic temperature with an adjustable thermostat or via smart devices. The product retails for around \$160. [gaf.com](http://gaf.com)

