

BY VINCENT SALANDRO

### 1. Sustainable Wood Cladding

Accoya siding is made of FSC-certified wood that has undergone an acetylation process, promising durability, sustainability, and low maintenance. According to the manufacturer, acetylated wood is rot-resistant without containing biocides or harmful chemicals and is likely to stay free of any visible distortion over its lifetime. The siding takes a range of finishes, including Shou Sugi Ban, and comes in custom board sizes and profiles. Left unfinished, the wood will weather naturally. [accoya.com](http://accoya.com)



### 2. Fresh-Air Intake

InOvate Technologies launched FreshVent to help meet the ventilation needs of energy-efficient homes. The 4-inch-diameter (6 1/2-inch-square outside dimension) vent port features deep-draw 22-gauge galvalume steel construction, powder coating, and high-strength magnets for reliable closure. A low profile helps it blend in on exterior walls as it provides fresh-air intake for HVAC systems. Available in four standard (as well as custom) colors, FreshVent is also suitable for outward-venting kitchen and bath systems with built-in dampers. It costs about \$45. [freshvent.com](http://freshvent.com)



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### 3. Fluted Vessel Sink

Ruvati's Cordona collection is crafted from the manufacturer's epiStone material, a blend of crushed stone and minerals bonded with a proprietary resin. The 3 5/8-inch-deep vessel-style sink basin (pictured) measures 19 inches by 14 inches, has a nonporous, easy-to-clean surface, and retails for \$436. A matching tub is also available. [ruvati.com](http://ruvati.com)

### 4. Impact-Rated Glass

Therma-Tru's impact-rated, full-light, flush-glazed glass designs for its Smooth-Star doors offer a clean aesthetic and abundant daylight. The glass is built directly into the fiberglass doors with a dual-adhesive weather seal, reducing the potential for air and water infiltration. The EnLiten flush-glazed glass is engineered to withstand extreme weather conditions and is available in privacy and textured, energy-efficient low-E, and a selection of simulated-divided-light styles. [thermatru.com](http://thermatru.com)



## Products

### 5. High-Strength Aluminum Siding

CertainTeed's Urban Reserve Siding is manufactured from high-tensile-strength aluminum at a 0.027-inch thickness and coated with a two-coat system that includes a baked-on corrosion inhibitor. CertainTeed says the siding will not rust or rot and is resistant to extreme cold, heat, rain, fire, and UV exposure. The siding is available in nine smooth, fade-resistant solid colors in black, gray, brown, and white hues. [certainteed.com](http://certainteed.com)

### 6. Thermal Steel Windows

Hope's Windows says its "Thermal Evolution" technology provides superior thermal efficiency without compromising the slim profiles of its windows. To achieve this, a thermally resistant fiber-reinforced polymer (FRP) isolator is precision-manufactured to nest within Hope's traditional hot-rolled solid steel frame profiles and structurally bonded to the steel frames. The configuration is available for the Landmark175 Series and the Old World Suite product lines, with either true or simulated divided-light muntins. [hopeswindows.com](http://hopeswindows.com)

### 7. Enhanced Butyl Tape

Trex has updated its Butyl Tape for RainEscape with Clean-Edge Butyl Tape. The tape is integral to the manufacturer's under-deck drainage system, which employs troughs and downspouts to capture water and divert it away from the deck, creating dry, usable space underneath while protecting the foundation from moisture penetration. Once the troughs are installed, the self-adhesive, waterproof tape is applied to create a watertight seal between the trough overlaps. The tape also seals around deck screw holes to help to prevent rust and corrosion. A 4-inch-by-50-foot roll sells for approximately \$65. [trex.com](http://trex.com)

### 8. Ridge Vent and Weather Block

Westlake Royal Building Products' Dryroll is a universal ridge vent and weather block designed to safeguard a roof from the elements. With its rollable installation, Dryroll reduces unappealing field vents and roof penetrations. Equipped with stretchable aluminum sides and butyl strips, Dryroll seals the ridge and hip areas of the roof, repelling wind-driven rain and snow while also providing airflow and 15.6 square inches of attic ventilation per linear foot. [westlakeroyalroofing.com](http://westlakeroyalroofing.com)



### 9. Discreet Deck Clips

Deckorators designed StealthLock Universal Deck Clips to fasten the manufacturer's grooved Surestone, composite, PVC, and hardwood deck boards to joists without leaving visible screw heads on the surface of the deck. According to Deckorators, the clips "work seamlessly" with Camo installation tools. The preassembled, one-pass fasteners come in 90-, 450-, and 900-count packages; we found a 450-count box, which covers about 250 square feet, for \$260 online. [deckorators.com](http://deckorators.com)



### 10. Fast-Install Railing

To speed up and simplify railing installation, Envision preassembles the brackets, balusters, and rails that make up its E-Fit Railing Innovations FastFit components. For posts, choose either black aluminum 3-inch-square structural posts with premounted brackets and threaded levelers in the base or white vinyl 4-by-4-inch post sleeves with quick-mount brackets. Preassembled panels are available in textured black aluminum or white vinyl, both with square balusters. Caps and trim are sold separately. [envisionoutdoorliving.com](http://envisionoutdoorliving.com)



### 11. Whole-House Air Quality

Panasonic has begun marketing its residential ventilation and heat pump products (both mini-split and central systems) as Oasys, a "holistic home comfort" solution. Organized around a new website that focuses on "green living," Oasys combines a select group of energy recovery ventilators and heat pumps with specific point-of-use exhaust fans, filtration, and control products—all the components needed for marrying dedicated, continuous whole-house ventilation with heat-pump space conditioning. [oasys.na.panasonic.com](http://oasys.na.panasonic.com)



### 12. Solid to See-Through Glass Railing

A layer of Polymer-Dispersed Liquid Crystal (PDLC) technology within a conductive coating enables users to control whether the glass in IG Switch Frameless Glass Railing is transparent or opaque. Users can toggle between opaque white with 88% privacy to 88% visual light transmission with the touch of a button. According to the manufacturer, the glass blocks 99% of harmful UV rays in its opaque white setting. The PDLC interlayer has a 50,000-hour estimated life cycle. [igrailing.com](http://igrailing.com)

