

BY LAUREN SHANESY

1. Time-Saving Shingles

Roofing contractors can now cover more area in a shorter amount of time with the new HP42" shingle format from Atlas Roofing. The company says that the 42-inch-wide, 14-inch-high shingle is the largest on the market and reduces installation time by up to two hours on a standard 40-square job by requiring 320 fewer shingles and 6,000 fewer nails. The system comes with a 130-mph wind warranty with a four-nail install. The HP42" became available in July and is the new standard for the Atlas StormMaster Shake and Pinnacle Pristine shingle lines. The price differs by region and distributor. atlasroofing.com

2. Hurricane-Resistant Windows

Sierra Pacific has designed a window said to withstand even the toughest coastal storms. The new H3 FeelSafe windows meet Zone III ratings and marry the best of two other Sierra Pacific lines: H3's high-tech design and FeelSafe's impact-rated strength. These windows integrate extruded aluminum, vinyl, and solid wood; design choices include varying colors, hardware, and SDL bars. Pricing varies by configuration. hurd.com

3. Green Building Blocks

Comfort Block is a fully-insulated, self-contained 16-inch-thick concrete block wall system that replaces wood and drywall, offering an alternative for builders looking to use energy-efficient products. The blocks are reportedly fire-resistant and mold- and pest-free, and require only thinset or concrete glue to secure in place, cutting down installation time and labor costs. Once set, the blocks are covered by plaster on the inside and stucco on the outside. Current pricing is \$10.50 per square foot installed. genest-concrete.com

4. Hassle-Free Mortar

1-2-3Mortar is a polymer-enhanced sand and cement mortar preblended for easy and fast application. Contractors simply add water to the applicator bag, mix, and apply from the bag when laying block, brick, and stone—no extra tools required. The company says the product's strength "allows for thinner joint application and higher yields." One 11.3-pound bag is enough to lay 30 blocks. Pricing starts at \$11 for a 5.5-pound bag. 123mortar.com





5. Soft-Close Cabinet Hinges

New from Hardware Resources, the 7390 Series Dura-Close Compact Soft-Close hinges have spring-arm sleeves for reduced friction, wear, and noise, and their one-piece assembly allows for six-way adjustability and a 105-degree opening angle. Designed for traditional face-frame cabinets and ANSI-certified to perform for more than 100,000 opening and closing cycles, the hinges come in overlays ranging from $\frac{3}{8}$ inch through $1\frac{1}{2}$ inches. Each hinge costs \$2.54. hardwareresources.com



6. Customizable Airflow for a Healthy Home

The Intelli-Balance 100 ERV is reportedly suitable for use in any climate. The unit has dual brushless DC motors, customizable airflow—allowing balanced, positive, or negative pressure at variable speeds from 50 to 100 cfm—and a built-in ASHRAE 62.2 timing function that helps ensure code compliance and energy efficiency. The system can be connected to existing ductwork or used as a stand-alone, whole-house ventilation solution. Pricing begins at \$1,500. us.panasonic.com/ventfans



7. A Fluid-Applied Weather Barrier

The DuPont Tyvek Fluid Applied WB+ System is made using a silyl-terminated polyether (STPE) and can be sprayed or pressure-rolled on to help protect building envelopes from air and bulk-water infiltration. DuPont says the material provides more coverage per gallon than older, acrylic and bitumen-based products. The company also says the material experiences minimal shrinking or cracking while curing, can be applied to concrete or gypsum, withstands nine months of UV exposure, and is vapor permeable. Check with local distributors for price. dupont.com

8. Safety Gear for Cordless Tools

Bosch Power Tools has introduced the GDE18V-16 Cordless HEPA Dust Collector attachment for the Bosch GBH18V-26 Rotary Hammer. The attachment mounts on the rotary hammer when needed and has a HEPA filter for a fully-integrated dust-collection system. It has its own motor, which is supplied with power by the rotary-hammer battery, and has auto power-off. The Dust Collector comes with one HEPA filter and costs \$130. boschtools.com/us



9. A Shower With Programmable Preferences

The WiFi/cloud-based U by Moen shower includes a digital valve that offers thermostatic temperature control and enables the user to connect up to four shower devices such as showerheads, hand-showers, and body sprays. Its digital controller has a 5-inch LCD screen that provides feedback on the system's status; as water temperature changes to reach the set point, the screen changes colors, indicating that the system is warming up or cooling down. The package is listed on Moen's website for \$1,225. moen.com



10. Hardware for Extra-Large Sliding Doors

The LIN-X1000 Lateral Door Opening System from Sugatsune provides soft-close and smooth movement for doors weighing up to 200 pounds. The hardware has four-way adjustability for a flush look when doors are closed, and it allows doors up to 43⁵/₁₆ inches wide to open in a much smaller radius than you'd have with a regular hinge. The LIN-X1000 features a clip-on system and has only three parts—a lower arm, cover section, and connecting bar—for easy installation, says the company. The door system retails for \$2,200. sugatsune.com



11. Traceless Laminate Countertops

Wilsonart has introduced a new laminate countertop surface that is reportedly resistant to the pesky smears, smudges, streaks, and fingerprints that occur daily. The company says its Traceless Laminate line is durable and heat-, impact-, and scratch-resistant, and has a UL Greenguard Gold certification for low chemical emissions. The surface is available in five colors and comes in 4-foot-by-8-foot and 4-foot-by-10-foot sheets in a thickness of 0.039 inch. Prices range from \$3 to \$5 per square foot before installation. wilsonart.com

12. A Heavy-Duty Concrete Screw Anchor

Simpson Strong Tie's new Stainless Steel Titen HD (THDSS) heavy-duty screw anchor for concrete and masonry is made using a bi-metal design that combines the corrosion resistance of Type 316 stainless steel with the undercutting ability of heat-treated carbon-steel cutting threads. To protect the surrounding concrete from cracking caused by corrosion (and thus expansion) over time of the metals in the anchor, the use of carbon steel is confined to the helical-coil thread that's brazed into the stainless steel shank of the anchor. Pricing varies by distributor. strongtie.com