

BY VINCENT SALANDRO



1. Heat-Treated Wood

Tantimber ThermoWood products are thermally modified with no chemical treatment. With reported properties including durability against decay, reduced equilibrium moisture content, reduced thermal conductivity, and reduced bending strength, the material is suitable for decking, siding, louvers, ceilings, soffits, pergolas, and decorative wall coverings, inside and out. Available wood species include ash, pine, poplar, and iroko; not all products are available in all species. gwoodpro.com

2. Powder-Coated Aluminum Lattice

Aluminum lattice panels from Permalatt Products can be used for pergolas, patio rooms, skirting for decks, enclosures for HVAC systems, and patio covers. Welded together with welds hidden from view, vertical and horizontal 1 1/4-inch-by-1/4-inch hollow-core slats cross to form a 2-inch-square lattice pattern. Panels are available in nine powder-coated colors—including brown hues, black, gray, and bronze in addition to white—in satin and fine-textured finishes. A 4-foot-by-8-foot panel costs between \$367 and \$385. permalatt.com

3. Soft-Close Adapters for Cabinet Doors

UniSoft soft-close adapters from Grass America can be mounted on the upper corner of a new cabinet or as a retrofit. Wide-ranging applications include all types of door overlays for face-frame cabinets, and full-overlay doors for frameless cabinets. Adapters can be manually adjusted to achieve a desired closing speed; the damper is concealed in a brushed nickel casing, allowing it to blend with a hinge finish, according to the manufacturer. A package of 10 adapters retails for around \$30. grassusa.com

4. Assembled Stair Rail Panels

Trex has added preassembled aluminum stair rail panels to its Trex Signature portfolio as a time- and labor-saving option. Panels are offered in charcoal black with square balusters to match the manufacturer's preassembled Trex Signature horizontal railing panels and are available in 6-foot and 8-foot lengths and 36-inch and 42-inch heights. Posts and hardware are sold separately. trex.com



Products

5. Lower-Carbon-Footprint Framing

The BamCore Prime Wall is a nearly hollow wall system for commercial and residential low-rise construction. According to the manufacturer, Prime Wall's high-performance design eliminates the need for 90% of studs, headers, posts, OSB, and drywall. The engineered bamboo panels are custom-fabricated for each job using 3D BIM technology, and MEPI maps can be printed on the panels to indicate rough-in lines. Walls can be filled with any type of blown-in insulation. bamcore.com

6. Low-Profile Cable-Rail Pickets

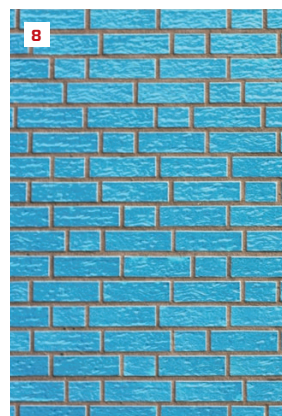
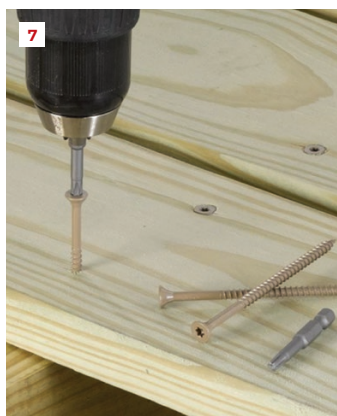
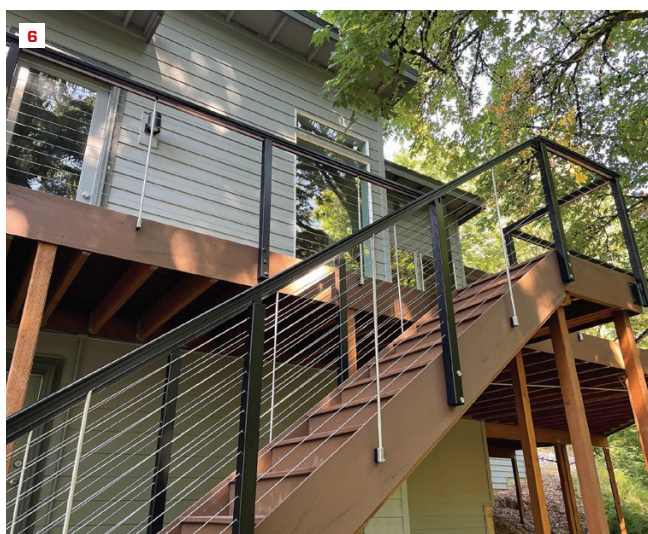
Used with CableRail infill where posts are spaced more than 3 feet apart, Stainless Steel Intermediate Pickets for DesignRail are a low-profile alternative to square, powder-coated pickets. Available in 36-inch-level, 42-inch-level, and universal stair configurations, the 5/8-inch-diameter 316-stainless-steel tubes are predrilled every 3 inches for 1/8-inch-diameter cable and can be trimmed in the field. Hardware is included. feeneyinc.com

7. GuardDog Exterior Wood Screws

FastenMaster's enhanced GuardDog exterior wood screw has a Torx tlap drive system, a type-17 auger point for quick cutting into the wood surface, and cutting nibs under the head. The screws can be used for pressure-treated decks, railings, and stair stringers and are approved for use with treatments such as ACQ and CA-B and in acidic woods such as cedar and redwood. The fasteners are available in lengths ranging from 1 5/8 inches to 3 1/2 inches and in quantities up to 1,750-piece buckets. A 75-piece box retails for around \$10. fastenmaster.com

8. Color-Matching Mortar Base

MVIS Premium Pointing Mortar Base from Laticrete can be used for a variety of exterior and interior projects, including glazed thin brick, glazed block, porcelain pavers, and hardscapes, with joints up to 1/2 inch wide. Color is added via a dispersible dry pigment pack, which is available in 40 standard color options. According to the manufacturer, fiber reinforcement in the mortar resists cracking and powdering, and Microban antimicrobial technology resists the growth of mold and mildew. A 50-pound bag retails for \$28. Custom color matching is also available. laticrete.com





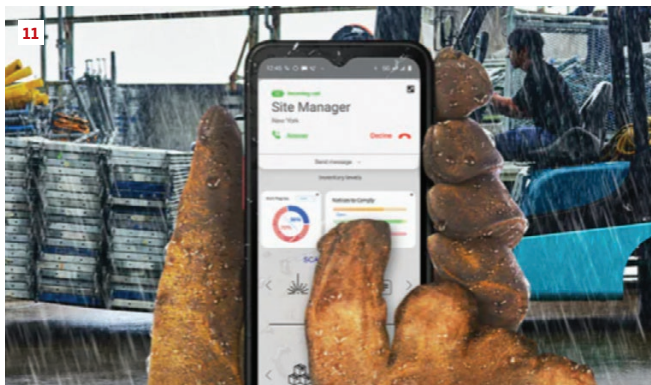
9. Narrow-Body Ceiling Cassette

Compatible with Mitsubishi Electric Trane HVAC multi-zone outdoor mini-split systems, the EZ Fit MLZ-06 Recessed Ceiling Cassette is sized to fit between joists for flush-mounting to the ceiling in either new construction or retrofit projects. Airflow can be adjusted for a low or high ceiling, and air direction can be adjusted with automatic vane control. The unit has a 6,000 Btu/h capacity. mitsubishicomfort.com



10. Drywall Backer

Buttboard Drywall Backer from Trim-Tex installs behind butt joints in drywall between studs, helping to hide the joints and simplify panel layout on walls and ceilings. As the backer is screwed to each sheet of drywall, it pulls back on the edge, creating a tapered seam that the manufacturer says requires less joint compound to finish. Made from formaldehyde-free premium density OSB board, the backer works with metal and wood framing without the need for special tools. A case of 12 48-inch backers retails for \$155. trim-tex.com



11. Jobsite Phone

The Samsung Galaxy XCover6 Pro phone features a military-grade rating for shock, vibration, dust, sand, and drops on concrete up to 1.5 meters, as well as an IP 68 rating for water spray and complete submersion. The phone's moisture-resistant screen is responsive to wet gloves, and the battery is replaceable. The phone is CBRS-ready and works with wireless data networks 5G and Wi-Fi 6E to ensure high-speed connectivity on the site. The phone retails for \$600. samsung.com



12. Liquid-Applied Flashing Sealant

LP WeatherLogic Seam & Flashing Sealant is a liquid-applied flashing material certified to AAMA 714-19 and is the only liquid-applied sealant approved to seal the panel joints between LP WeatherLogic panels. The sealant can also be used to flash window and door openings, material transitions, and penetrations of any shape (gaps wider than 1/8 inch should be filled with backer rod). Surfaces must be clean and dry before application. The VOC-compliant sealant has a 10- to 15-minute tooling time and a 110-minute surface tack time, and can fully cure in 24 hours, depending on conditions. lpcorp.com