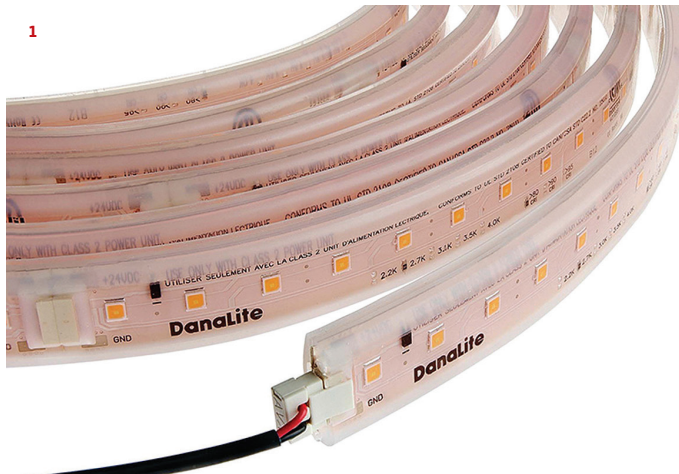


BY LAUREN SHANESY

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1. Flexible, Modular LED Strip

The DanaLite FlexConnect architectural-grade LED linear lighting system from Acuity Brands is a first-of-its-kind modular, flexible LED lighting strip. The strip can be cut on site in 6-inch increments and reconfigured using the embedded connectors in a variety of customizable arrangements, including around curved surfaces. The encapsulated bulbs produce up to 450 lumens per foot, and it is the only flexible lighting strip on the market to feature a UV-stable optical pigment to correct color shifts occurring from the silicone enclosure. The system is available for both indoor and outdoor applications at \$13 per foot. acuitybrands.com

2



2. Remote-Controlled Demolition Robot

Brokk has introduced the updated Brokk 60 II, the smallest remote-controlled demolition robot on the market. The 1,102-pound machine is 23.2 inches wide and 34.3 inches tall and has an upgraded hydraulic system with 10% more power than the original Brokk 60 model. Enhanced handling makes for more precise movement in tight spaces. The three-part arm is compatible with a number of attachments, including hydraulic hammers, grapples, crushers, and buckets. The machine is priced at approximately \$95,000. brokk.com

3



3. Force Field Against the Elements

This new ForceField Air and Water Barrier System from Georgia Pacific is made of engineered wood sheathing panels laminated with an air and water barrier to prevent leakage. After panel installation, joints are taped with ForceField seam tape to create an integrated barrier, eliminating the need for housewrap. ForceField panels are available in 7/16-inch thickness in sizes of 4x8, 4x9, and 4x10; and the seam tape is available in 3-inch-by-180-foot rolls. buildgp.com/gp-forcefield

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4. A Wrench for Tight Spaces

Milwaukee's 8-inch wide-jaw adjustable wrench offers increased capacity for jobs where space is tight. The wrench's adjustment screw and parallel jaws help ensure that the jaws won't slip or damage finish surfaces during use. The tool features a laser-etched ruler for accurate size adjustment and a loop for tether attachments. The wrench can be purchased for \$20 to \$25, based on the retailer. milwaukeetool.com

Products

5. The World's Thinnest Fire Extinguisher

Oval Brand Fire Products has launched the slimmest fire extinguisher on the market. At less than 3 1/2 inches deep, the 10-pound fire extinguisher is 40% slimmer than traditional round models. While often required in commercial buildings, the space-saving model can be installed out of the way in a residence for extra safety. The extinguisher is available in three models, including one 10-pound ABC dry-chemical model for surface mounting (\$290) and one for compatible cabinets (\$300), and a 10-pound Purple K dry-chemical surface-mounted option. ovalfireproducts.com

6. A Self-Retracting Lifeline

MSA is increasing jobsite safety with the introduction of the Latchways Leading Edge Self-Retracting Lanyard. MSA says the integrated energy absorber ensures the lifeline remains intact in the event of a fall over a sharp edge, and "Constant Force" technology and "Full Contact" locking guarantee that it won't freeze or hang up. It can support workers up to 310 pounds and is available in 23- and 33-foot cable lengths, listed for \$1,000 and \$1,200 respectively. us.msasafety.com

7. Tougher Wood

Accoya is an eco-friendly pine that has undergone a process called acetylation, which essentially uses really strong vinegar, heat, and pressure to transform naturally occurring hydroxyls (which cause shrinkage and swelling over time) in the wood into acetyl groups. The resulting wood is chemical-free, durable, stable, insect and pest repellent, and moisture resistant, and it won't shrink or swell. Accoya has limited distribution around the country; a map of U.S. distributors can be seen on its website. Pricing varies by distributor. accoya.com

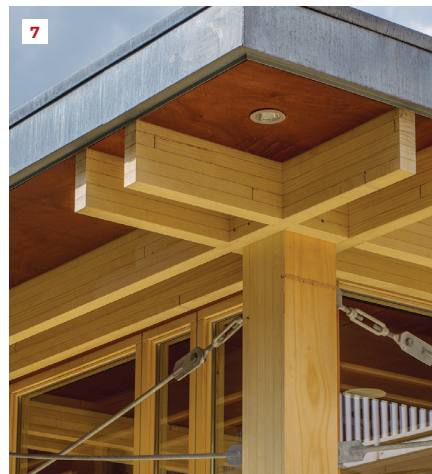
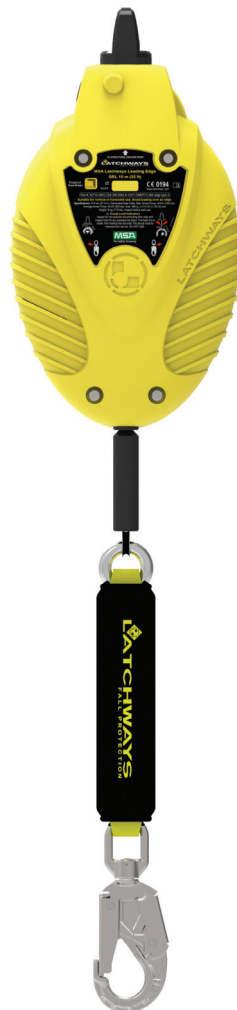
8. An Invisible Wrap for Modern Architecture

Benjamin Obdyke has upgraded its line of housewraps with its new commercial-grade FlatWrap UV for moisture management. When paired with a rainscreen, the barrier provides increased bulk-water drainage and a vapor permeability of 35 perms. The wrap features a tri-laminate design with a high UV, tear, and wind-load resistance. Designed for projects with open-joint claddings, the black wrap is virtually invisible in an open wall assembly and does not require seams to be taped. The product costs \$17 to \$19 per roll. benjaminobdyke.com



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9. Self-Cleaning Toilet

The new ActiClean Toilet from American Standard combines its VorMax flushing technology with a cleaning system that is fully integrated into the model, eliminating the need for manual cleaning or clip-on solutions. The cleaning control panel is hidden under a flip-up lid on the tank, where users can activate the system and choose from two cleaning-cycle options. The VorMax technology fills the whole bowl with cleaning solution and then siphons the cleaning agent out and rinses the bowl with clean water. The toilet currently retails for \$700. americanstandard-us.com



10. A Compact Plumbing Filter

The Magnaclean Professional2 Filtration System uses magnetic and nonmagnetic filtration to capture and remove 100% of the suspended black, iron oxide that builds up in all hydronic heating systems. The compact, dual-action filter installs in just two minutes with its rapid-fit connectors for use in 3/4-inch copper and 1-inch NPT iron pipework, with a suggested placement between the last radiator and the boiler. Integral flow-diverters within the unit ensure uniform flow around the magnets and include full-flow valves for minimal pressure drop. The filter is priced at \$190. adey.com

11. Sound-Absorbing Wall Supports

Gypsum board and mechanical walls can experience a disruption in sound isolation when connected to noisy structural walls, ceilings, and floors. NPS LDS Rubber Partition Supports from Mason Industries provide a simple, low-cost solution that uses rubber disks to disrupt the sound path through the wall system. The supports are offered in two sizes. Pricing varies. mason-ind.net



12. Programmable Thermostats

WarmlyYours Radiant Heating's new line of electric radiant heating controls introduces five modules for both electric floor-heating systems and hardwired radiant panels. The nSpiration Series consists of the nJoin power module, three programmable thermostats, and one nonprogrammable model. The WiFi-enabled nSpire Touch WiFi thermostat lets users control the system from their smartphone, while the other two programmable models are capable of programming temperatures for up to seven days. The power module controls electric output in 15-amp increments to heat large areas. The system ranges in price from \$140 to \$275. warmlyyours.com