

# SOLUTIONS FOR A POST-COVID-19 WORLD

Touch-free, antimicrobial, hygienic, voice-activated? These novel products are designed to enhance infection control measures in commercial, institutional, and multifamily buildings.



To minimize everyday skin-to-surface touchpoints in buildings, **ASSA ABLOY** offers its new Rockwood collection of hands-free door pulls. The arm and foot pulls are easy-to-install, cost-effective options for hands-free door operation. They also complement ADA standards and regulations. The stainless steel pulls can be installed on wood, metal or aluminum doors. CIRCLE NO. 860



**Carvart** has expanded its glass**SCREENS>**Shield line of glass shields with frameless and benching options. The screens are designed to help retail businesses reopen amid the coronavirus pandemic. The shields are made from glass rather than plexi-plastic due to the inherent anti-porous, scratch-resistant properties of glass. The systems can be customized to fit any business environment: pharmacies, healthcare facilities, financial institutions, retail, fitness clubs, beauty salons, schools, multifamily housing. Multiple sizes and five styles: freestanding countertop unit, single full-height unit, foldable full-height double screen, frameless unit, and benching screen.

CIRCLE NO. 862



**Ecore's** newest commercial surface, Aurora, is a resilient rubber sheet that features a polyurethane-coated (PUR-coated), calendared-rubber wear layer that is fusion-bonded to an Ecore vulcanized composition rubber (VCR) backing. The result is flooring that provides enhanced ergonomics, comfort, and safety for healthcare workers, visitors, and patients. The surface is hygienic due to a heat-welded installation process.

CIRCLE NO. 861

■ **INOX** has unveiled an antimicrobial coating option for its line of stainless steel products, including commercial and residential door levers and pulls, deadbolts, panic devices, and push/pull plates. INOX MicroArmor Antimicrobial Coating is a powder coating infused with antimicrobial technology that is applied during the hardware's manufacturing process and works to inhibit the growth and reproduction of harmful bacteria, mold, and mildew by up to 99.9%. It contains silver ions that

attach themselves to a microbe's cellular enzyme to inhibit the growth of the microbe, reducing the spread of bacteria, fungi, and mold. During the manufacturing process, the powder coating is applied to an INOX product and the silver ions within the coating integrate with the product itself. This enables the hardware to have 24/7 protection that does not wash off or wear away and remains effective in reducing the growth and spread of bacteria.

CIRCLE NO. 871



As corporate businesses return to work, some companies are rethinking the 100% open-plan layout. **KOVA Modular Office Solutions** offers a range of configurations for creating private and semi-private office spaces. The modular system includes joining parts and stackable panels that easily fit together to create office fronts, conference rooms, separation walls, and soundproof privacy pods. Extra unused panels can be removed and stored away when needed. CIRCLE NO. 863

■ The new Siveillance Thermal Shield from **Siemens** quickly measures the body temperature of a person seeking to access a building and enables the results to be integrated into the video and access systems of corporations. Thermal imaging cameras are used to measure, in a contactless way, the body temperature at a distance of up to two meters, ensuring the safety of monitoring staff. If the camera screening indicates an elevated body temperature, a second reading must be taken using a medical thermometer to confirm the finding. To ensure the highest level of accuracy, the cameras measure the body temperature near the eyes. A positive result triggers acoustic and visual alarms. The temperature is measured for each person individually to ensure accurate and reliable results. If a person shows an elevated body temperature and this finding is confirmed

by a second reading obtained with a medical thermometer, the follow-up steps defined in the workflows are initiated automatically.

CIRCLE NO. 872

■ Acrovyn 4000 wall guards and wall coverings from **Construction Specialties** are manufactured from engineered PETG, which contains no PBTs (persistent bioaccumulative toxins). Testing has proven Acrovyn 4000 resists the growth of bacteria and fungi, therefore an antimicrobial agent is not necessary. Completely free of PVC and BPA (bisphenol A), Acrovyn 4000 has earned Cradle to Cradle Gold Certification and meets the California 01350 protocol for good indoor air quality.

CIRCLE NO. 873

■ The new Sigma10 Series flush plates from **Geberit** feature sensor technology that allows users to wave



**Bradley Corp.** unveiled its next-generation WashBar clean/rinse/dry handwashing station. It features a thin, L-shaped design that gives the feel that the all-in-one fixture is floating above the sink for a sleek aesthetic. And with only one connection point to the sink, the design provides more open space for easier cleaning, according to the maker. The durable chrome-plated cast alloy fixture features LED lighting to visually orient the user through the hand washing process with easy-to-identify icons on top of the bar. The bowl is designed to avoid splashing and keep water in the bowl. Designed for Class A offices, hospitality, upscale restaurants, bars, and retail establishments. CIRCLE NO. 864



**Architectural surfaces** provider **Karen Pearse Global Direct (KPGD)**

has launched the **Protect Collection**, an array of antimicrobial porcelain tiles

and slabs developed with **Microban** technology, which kills up to 99.9% of bacteria on surfaces. The collection adopts the nuanced patterns and textures of real marbles, limestones, woods, and other materials. CIRCLE NO. 865

**BioPrism solid surface** material from **InPro** inhibits the growth of mold and mildew, so facilities can maintain the highest standards in hygiene. Ideal for use as surfaces in shower areas, restrooms, operating rooms, and other sterile environments

that get dirty quickly. The non-porous, sterile material can be used as wall protection in areas such as operating rooms, as well as material for toilet and shower partitions, trim, shower bases, and shower accessories such as soap dishes. CIRCLE NO. 866





**Tarkett's** new LinoWall xf2 line of linoleum for wall applications is naturally bactericidal, and is Cradle-to-Cradle Silver certified. The phthalate-free material is available in six colors—a mix of pastels and neutral shades to provide a direct match between wall and floor. LinoWall xf2 offers surface protection for resistance and easy maintenance. CIRCLE NO. 867

their hand to provide touch-free toilet flushing. Offering dual-flushing capabilities, the sensor technology provides optimum water savings, the company says. The Sigma10 is compatible with standard 1.6/0.8 gallons per flush in-wall toilet systems and the low-consumption 1.28/0.8 systems. In addition, users may simply walk away for a full flush. The touch-free Sigma10 is available with either battery or AC power and comes in seven finishes. CIRCLE NO. 874

■ **EOScu** from **EOS Surfaces** is the industry's only synthetic hard surface that is EPA-registered for public-health claims, continuously killing harmful bacteria within two hours of exposure. The preventive biocidal surface is infused with the company's proprietary copper-oxide compound, which eliminates bacteria through ions that damage bacterial cells. When bacteria and copper ions come into contact, the copper ions weaken the outer membrane of the bacteria cell through the process of

oxidation. Copper is toxic to the inside of the cell and, eventually, the copper ions cause the cell to rupture. The cell then loses its vital structure, and dies. EOScu applications include work surfaces, countertops, backslashes, wash bowls, and other solid surfaces. CIRCLE NO. 875

■ **Paint Shield** from **Sherwin-Williams** is the first EPA-registered microbicidal paint that kills virtually all infection-causing bacteria—including E. coli, staph, and VRE—after two hours of exposure on painted surfaces. Third-party testing has validated Paint Shield's health claims and allows the paint to be marketed as "antibacterial." Consequently, Paint Shield could be well suited for a variety of settings where bacteria-related infections are a risk, including healthcare facilities, schools, daycare centers, senior citizen communities, and cruise ships. The paint can be applied on interior hard, nonporous ceilings, walls, doors, and trim. CIRCLE NO. 876

**Honeywell** has launched an AI-driven thermal imager that detects elevated body temperature for non-invasive, preliminary screening of personnel entering a facility. The



**ThermoRebellion** temperature monitoring solution can be rapidly deployed at the entryway of a factory, airport, distribution center, stadium, or other commercial buildings to efficiently identify whether personnel exhibit an elevated facial temperature. As individuals pass in front of a high-resolution, thermal imaging camera, their skin temperature is automatically detected within two seconds and displayed on an accompanying monitor. The system can also identify if individuals are wearing the required personal protective equipment needed for entering the building. CIRCLE NO. 868



The **Graze** smart faucet from **Kohler** features voice-activated technology that dispenses measured amounts of water at the user's spoken command, from "turn the water on" to "dispense one gallon." It can fill containers to a preset level or dispense a specific quantity. The touchless faucet includes a motion sensor that turns water on and off with the wave of a hand. CIRCLE NO. 869



**Sloan** provided its touch-free restroom products to support the conversion of Chicago's McCormick Place Convention Center (pictured) and Yale University's Payne Whitney Gym into temporary field hospitals, or COVID-19 Care Centers. With 500 beds in makeshift rooms, plumbing requirements at McCormick Place called for more than 200 Sloan sensor faucets in handwashing stations. At Yale, the project team installed Sloan sensor-operated faucets and flushometers to provide a touch-free experience. CIRCLE NO. 870