

Product Showcase

Coatings, Sealers, and Surface Preparation

Flowshield ESD Conductive

Flowshield ESD Conductive is a self-smoothing, hard-wearing epoxy resin floor finish. The manufacturer claims that the system complies with BS 2050, ANSI/ESD S7.1, ANSI/ESD STM 97.1, ASTM F150 Conductive, IEC 61340-4-1, and IEC 61340-4-5 requirements for conducting and antistatic products. Flowshield ESD Conductive can be used in dry process areas where the floor is subjected to medium- to heavy-duty foot, trolley, and pallet truck traffic. Typical uses include laboratories, clean rooms, and equipment testing areas in electronic, aerospace, automotive, printing, and pharmaceutical plants. This hygienic and easy-to-clean product provides an aesthetically pleasing and light-reflecting appearance. It features nontainting and nondusting capabilities and high chemical resistance.

—Flowcrete Group Ltd., www.flowcreteasia.com



W. R. MEADOWS PENTREAT 244-100

W. R. MEADOWS' PENTREAT™ 244-100 is a hydrophobic, permeating silane sealer used on all types of concrete structures, including parking garages, bridge decks and piers, marine buildings, loading docks, and vehicle repair and wash down facilities. It can also be used for driveways, walkways, plazas and patios, and median barriers. PENTREAT is applied with a low-pressure, airless sprayer. After reacting with the concrete, it resists absorption of liquid water while allowing for vapor transmission, preventing chloride-induced corrosion of reinforcing bars and freezing-and-thawing damage to concrete.

—W. R. MEADOWS, www.wrmeadows.com

Rhino Linings HiChem 11-70 Chemical-Resistant Coating

Rhino Linings' HiChem™ 11-70 is a two-component, 100% solids, zero-VOC polyurethane lining. The protective lining meets NSF/ANSI 61 requirements for use in 5 gal. (19 L) and larger potable water storage tanks. The HiChem 11-70 protective lining can be applied with component spray equipment and creates monolithic, seamless protection that conforms to different shapes and sizes.

—Rhino Linings Corporation, www.rhinolinings.com

Mitri Products EZ-Slab

Mitri Products' EZ-Slab functions as a washing station, drying rack, carrier, and storage system for tools. The powder-coated, compact rack can be bolted to the bed of a truck or van. EZ-Slab components can be quickly assembled at jobsites. Two heavy-duty, spill-proof tubs attach to the sides of a wheelbarrow for transporting water. These containers are sized for easy dipping and cleaning of brooms. A perforated center piece snaps into the tubs, creating a flat washing area for skids and other tools. The center piece channels wash water back into the tubs, and it can serve as a drying rack. When the job is complete, hand tools and brooms can be stored in the EZ-slab containers.

—Mitri Products, www.mitriproducts.com



Blastrac 1-8DM Shot Blaster

The Blastrac® 1-8DM Shot Blaster can be used to prepare concrete surfaces prior to installation of overlays, paint, or coatings. With a single-phase motor and 8.75 in. (222 mm) blast pattern, the 1-8DM is ideal for smaller jobs such as residential garage floors, pool decks, and balconies. It is also useful as a complement to larger machines, as it allows close-in work around equipment and obstructions. Shot pattern reducers are available in 4, 5, and 6 in. (102, 127, and 152 mm).

—Blastrac, NA, www.blastrac.com



Atlas Copco BG245 and BG375 Trowels

Atlas Copco's BG245 and BG375 walk-behind trowels are used to finish concrete in limited-access worksites and close to walls. The trowels' lightweight and compact protection rings provide versatility. The BG245 weighs 130 lb (59 kg), is 24 in. (610 mm) in diameter, and includes a rubber-edged floating protection ring to prevent damaging walls. The BG375 weighs 185 lb (84 kg), is 36 in. (914 mm) in diameter, and is used for bigger and outdoor applications. Both trowels come with a gasoline-powered, high-capacity Honda engine and can be operated at variable speeds, making it possible to do high-speed burnishing and low-speed, high-torque floating. A safety switch disconnects the drive train from the engine as soon as the operator releases the grips, stopping the blades within 180 degrees of rotation. The BG245 and BG375 trowels' carrying handles are welded to the protection rings and can support the trowels when the machines are tilted forward for maintenance.

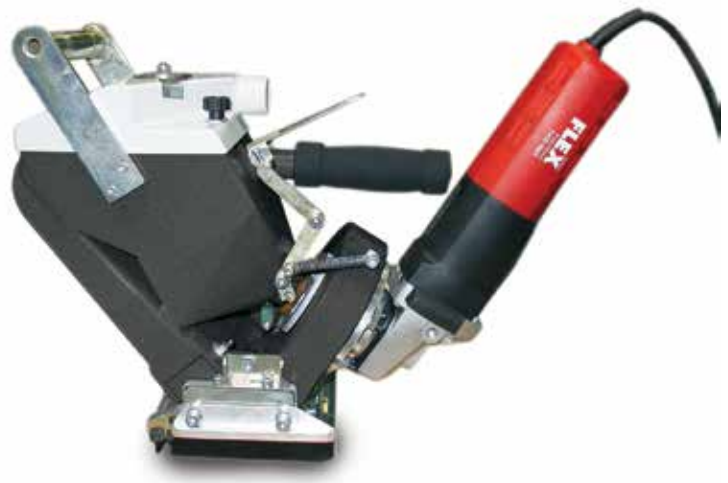
—Atlas Copco, www.atlascopco.com



National Flooring Equipment HB5 Shot Blaster

National Flooring Equipment's HB5 handheld 5 in. (127 mm) shot blaster is good for small and hard-to-reach areas. It is light and powerful and can be used in both vertical and horizontal applications. This compact unit features a 115-volt blast motor and includes a shot hopper, shot and dust containment brushes, and a direct-drive blast wheel that moves shot through the machine. A vacuum port is included for an almost dust-free operation when paired with National's DL1000 dust collector.

—National Flooring Equipment, www.nationalequipment.com



Product Showcase

Allen HDX760 Riding Trowel

Allen's HDX760 riding trowel incorporates Intelli-Power to control the trowel's Bosch-Rexroth hydraulic components and its 74 hp T4F Hatz diesel engine to maximize performance and safety. The Intelli-Power system is a combination of the hydraulic control unit (HCU) and the engine control unit (ECU). The HCU communicates with pumps, motors, and valves as it monitors the hydraulic fluid temperature as well the fluid filter status. The ECU works with the HCU to maintain efficiency and precise rotor speed. It senses the engine load and adjusts the rpms to prevent the engine from bogging down while keeping effective rotor speeds on the concrete.

—Allen Engineering Corporation, www.alleneng.com



Elcometer 500 Coating Thickness Gauge

The Elcometer 500 gauge for coatings on concrete measures the thickness of dry film on concrete and other substrates such as plasterboard, drywall, concrete block, mortar, and brick. Thickness values can range from 150 μm to 10 mm (6 to 390 mils). The Elcometer 500 provides more than 60 readings per minute in standard mode and over 140 readings per minute in scan mode. It includes sufficient memory to store 100,000 readings and can transfer data via Bluetooth® or USB connections to ElcoMaster® for PC or mobile devices. The gauge is suitable for harsh environments and is supplied with field-replaceable probe wear tips.

—Elcometer, www.elcometer.com



AkzoNobel Polibrid 705E and Polibrid 670S

AkzoNobel's International® brand introduced Polibrid® 705E elastomeric polyurethane and Polibrid® 670S concrete primer. Polibrid 705E is an odorless, zero-VOC, two-component coating designed to protect concrete and steel in severe environments. The ultra-high build, solvent-free coating cures fast to form a dense, crack-resistant elastic membrane that can withstand the expansion and contraction of concrete as it protects edges and surface imperfections. Geotextile fabrics may also be embedded within the coating to produce reinforced, bonded geomembrane linings. Polibrid 705E is ideal for potable water as well as in wastewater service, where microbiologically induced corrosion is prevalent.

—AkzoNobel International, www.akzonobel.com



LATICRETE DRYTEK Moisture Vapor Barrier

LATICRETE DRYTEK™ Moisture Vapor Barrier is a single-coat, 100% solids, liquid-applied, two-part epoxy coating designed to control the moisture vapor emission rate from new or existing concrete slabs prior to installing DRYTEK underlayment, decorative toppings, and resinous coatings. This coating can be applied over new concrete in 5 days. Its fast curing ability allows users to apply finish floor goods or DRYTEK underlayments in 12 hours. DRYTEK Moisture Vapor Barrier is compatible with DRYTEK underlayments as well as non-water-based adhesives for hardwood, vinyl, carpet, and tile.

—LATICRETE, www.laticrete.com