

New Products

All products in the SLIC line use the technology developed by US SPEC that allows sandless materials to get durable, aesthetically pleasing results while providing a high level of workability and easy finishing. VTU Resurfacer is available now in 10 lb (4.5 kg) bags.

US SPEC

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New Non-Portland, Non-Epoxy Concrete Repair and Rehabilitation Materials

Baltimore, MD-based materials company CERATECH, Inc., officially unveiled PAVEMEND™, a line of revolutionary non-portland, non-epoxy, all-weather, high-performance concrete repair and rehabilitation materials, at World of Concrete 2007.

CERATECH has conducted extensive advanced testing with PAVEMEND among a variety of U.S. Military forces worldwide who have successfully used the advanced material technology for numerous strategic purposes, including force protection, aircraft runway, and infrastructure repair applications. In addition to the U.S. Military, PAVEMEND has also been used extensively by municipalities, DOTs, aviation, and port authorities.

The PAVEMEND line of products is comprised of non-traditional cementitious materials, including very rapid setting, self- and semi-leveling structural repair mortar, structural repair concrete, and new construction concrete. It is specially designed for rapid concrete repair and is engineered to address the constraints posed by traditional construction materials, including extreme weather applications, rapid return to service of critical assets, ease of use, shrinkage, resistance to thermal expansion/contraction, and durability.

A single component powder that is water activated, PAVEMEND becomes a slurry mixture that, when poured onto

the area to be repaired, bonds tenaciously to most construction materials, including steel. In fact, PAVEMEND will reach compressive strengths of more than 3000 psi (21 MPa) within 60 minutes of final set; making it the perfect choice for urgent infrastructure repair scenarios where a 1-hour return to service is of paramount importance.

PAVEMEND, which can be applied in ambient temperature ranges from 0 to 100 °F (18 to 38 °C), is an ideal repair material for roads and bridges, airport runways, warehouse or manufacturing facility floors, post-tension cable repairs, form and pour projects, and architectural and new construction applications. When correctly applied, PAVEMEND products

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Circle #44 on response form—page 65

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are very effective for the repair of vertical, sloped, and horizontal surfaces, to include spall and crater failures; as an overlay; as an anchor for bolts; and as a grout.

PAVEMEND, as well as all CERATECH-manufactured products, are non-hazardous and clean up with water. Moreover, they are made from environmentally friendly "green sustainable" materials, as they use waste stream products as micro-aggregate and do not contain binders that require high energy consuming manufacturing processes.

CERATECH

Don Simmons

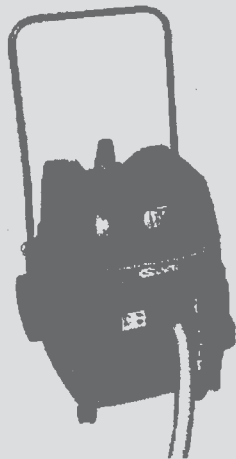
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New Wet/Dry Vacuum



CS Unitec, Inc., introduces the compact CS 1500 wet/dry vacuum, which can be used for many construction or industrial cleaning applications. It is designed for collecting concrete dust, concrete slurry, job site debris, and more. As the industry's first vacuum to use plastic poly filter bags, this machine is ideal for concrete and masonry dust and debris cleanup. The heavy-duty plastic poly filter bag holds up to 10 gal. (44 L) (more than 20 times the amount of concrete dust collected by paper filter bags) and allows for simple, safe disposal of this waste. The CS 1500's patented air guide feature maintains equal vacuum pressure inside and outside the bag to make it possible to use the plastic poly filter bags.

The vacuum has a 13 gal. (57 L) canister volume and a 25 ft (8 m) cord

that enables the operator to move freely around the work area. The unit measures 24 x 18 x 24 in. (610 x 457 x 610 mm) and has a convenient handle. Depending on the job, the user decides between the many options the CS 1500 offers. For general debris clean-up with a vacuum wand, this versatile vacuum can be used with or without a paper filter bag. The CS 1500 features a water detection sensor with automatic switch-off when the maximum filling level in the tank is reached.

Additionally, the CS 1500 can be used with a porous slurry filter bag to capture the heavy concrete slurry from drilling or sawing wet concrete. The grit and concrete debris are collected while water passes easily through the special bag into the tank. This allows easy disposal of the captured slurry. The clean water can be reused or the tank can be emptied.

To maintain maximum air flow and suction power, the CS 1500's electromagnetic pulse filter cleaning system automatically shakes dust from the dual-filter system. Two parallel-mounted polyester filters are standard with the CS 1500. With a large surface area of 1333 square inches, these filters capture 99.93% of all particles 0.3 microns and larger. The polyester filters can also be washed and reused. Optional HEPA filters capture 99.9977% of all particles 0.3 microns and larger.

Additional features include a built-in power take-off socket (up to 15 Amps) to automatically turn the vacuum on/off from the power tool switch. Also included is a no-memory, non-static 15 ft heavy-duty vacuum hose that always maintains its shape without kinks or knots. Optional accessories include a heavy-duty cleaning kit including wands, hose, crevice tool, and a floor cleaning tool.

CS Unitec, Inc.

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New 1/2 in. High-Performance Hammerdrill with Increased Power

DeWALT, a leading manufacturer of industrial power tools, announced the introduction of a new 1/2 in. (12.7 mm)

high-performance hammerdrill (DW520K). The new hammerdrill is designed to provide professional contractors with increased levels of power in a lightweight package, helping users to get the job done faster.

The DW520K is built with a powerful 8.2 Amp motor providing users with enough power for heavy-duty applications. The tool weighs 5.3 lb (2.4 kg), giving it the best power-to-weight ratio in its class. Additionally, the hammerdrill offers 0 to 1000/3000 RPM and 0 to 19,000/0 to 46,000 beats per minute for increased user productivity.

Dual drilling modes provide users with the versatility for wood, steel, or masonry drilling applications. A two-speed gear box enables users to easily adjust to high speed or high torque applications. For maximum comfort and control, the DW520K has a soft grip handle. Additionally, a 360-degree side handle with a depth rod offers greater control, versatility, and accuracy when gauging depth.

DeWALT

Phone: (800) 4-DeWalt

Website: www.DeWalt.com

New 15,000 psi Lance and Foot Control



A high-productivity water jet lance and foot control from NLB Corp. feature a quick-change cartridge valve that an operator can replace in less than 60 seconds. They operate at pressures up to 15,000 psi (1035 bar).

The NLB NCG 15-286 lance is designed to maximize operator comfort and protection. It weighs just 12 lb (5.5 kg), and has a one-finger latch to prevent accidental actuation. A light pull on the patented trigger (U.S. patent no. 5,636,789) initiates the water jet action, and a push forward immediately dumps the pressure. The shoulder stock and the hand grip are adjustable to suit the operator.

NLB's latest foot control valve, the FC 15-286, complements the new lance. It features a patented pedal design to force the valve into dump mode, if necessary, and handles flows up to 25 gal./m (95 L/m). All wetted parts are made of stainless steel for durability, and the enclosure doubles as a handy carrying case.