

SCHREIBER PERIPHERAL DRIVE CLARIFIER

Peripheral drive clarifiers from Schreiber are designed for applications such as storm-water and primary and secondary clarification. The peripheral drive system uses leverage rather than center-drive torque to rotate the scraper and skimming assembly, resulting in a simplified mechanical system.

All the equipment necessary for the continuous removal of floatables and settled solids is suspended from either a rotating bridge or, for smaller units, a lightweight rotating beam arm. The rotating skimming equipment removes floatables regardless of wind direction, and the helical scrapers transport settled solids to the center of the basin in a single revolution. The design allows for the lifting of equipment above the water level for inspection or maintenance without having to dewater the basin. 205/655-7466; www.schreiberwater.com

Clarifier/Digester/Tank Cleaning

DEEP TREKKER DT640 UTILITY CRAWLER

The DT640 Utility Crawler outfitted with a custom-designed vacuum head from Deep Trekker can be used to remotely remove sediment from tanks or structures without draining. Users can hook their own vacuum system to the utility crawler vacuum head and see the HD video from the internal camera live on the hand-held controller. Users also have the option to switch to the elevated auxiliary camera for a better vantage point of the vacuum head. 519/342-3177; www.deeptrekker.com



DT640 Utility Crawler from Deep Trekker

WAY COOL PRODUCT CO. WASTE BLASTER

Waste Blaster three-in-one shovel/squeegee/scrapers from Way Cool Product Co. can be used to clear tank floors prior to inspection, oil removal, sludge removal, silt removal, environmental spills cleanup and oil barge clean-

out. To operate, the user pulls to move and scrape down surfaces with the metal side or pushes to move and

squeegee liquids and viscous materials without breakage or getting splashed. Its usage adds efficiency and cuts labor costs, performing three functions at once. It has a no-sag design for smooth pushing. It comes with either 24- or 30-inch stainless steel or aluminum blades, or 36-, 48- or 72-inch MAGNUM blades. The unit is constructed from 12-gauge aluminum or stainless steel and has a 72-inch fiberglass handle, stainless steel hardware, and 1/4-inch three-ply rubber blades. 315/569-9974; www.waycoolproduct.com

Coatings and Linings

AKZONOBEL POLIBRID 705E

Polibrid 705E, distributed by AkzoNobel, is an odorless, zero VOC, two-component coating designed to protect concrete and steel in severe service environments.



Polibrid 705E coating distributed by AkzoNobel

The coating has been sold in the U.S. since the 1980s. The ultrahigh-build, solvent-free elastomeric polyurethane cures fast and dries into a dense, crack-resistant elastic membrane that can withstand the expansion and contraction of concrete while providing protection to rivets, bolts, edges and other surface imperfections. Geotextile fabric may also be embedded within the coating to produce reinforced, bonded geomembrane linings. 440/234-2900; www.akzonobel.com

AMTECH TANK LINING & REPAIR AMERICAN FIBERGLASS TANK REPAIR

American Fiberglass Tank Repair, a division of AmTech Tank Lining & Repair, provides scheduled and emergency tank inspection and repair services for fiberglass tanks throughout North America. Using its precast

nozzles, manways and replacement components, technicians can repair or modify any fiberglass vessel or structure in the field with minimum downtime. All resins are blended to match the original tank system, ensuring complete compatibility. Field crews can repair and relin the bottom pan or the entire interior corrosion layer of an FRP vessel to add service life to existing tanks. Field techs can also repair or install integral tank heating systems and insulation wraps. Services are offered for composite tanks used for potable water, wastewater, chemicals/petrochemicals, fuels, food processing, and other domestic and industrial applications. 877/427-0090; www.americanfiberglass-tank.com



Tank repair services from American Fiberglass Tank Repair, a division of AmTech Tank Lining & Repair

CORTEC CORPORATION CORRVERTER

CorrVerter from Cortec Corporation is a water-based primer formulated to penetrate and eliminate rust on poorly prepared steel surfaces. It modifies surface rust into a hydrophobic passive layer and coats it with a film-forming latex that is combined with thickeners and dispersant for protection against rusting. The water-based primer is environmentally friendly and nontoxic with a very low VOC. It can be covered with water- and solvent-based topcoats



CorrVerter primer from Cortec Corporation

and is recommended for use on all ferrous metal surfaces when proper cleaning or sandblast-

ing is difficult. The coating can be applied to dry or damp surfaces and should be allowed

to air-dry 12 to 24 hours before applying the topcoat or putting it into the environment. It passes 1,000-hour salt spray testing (ASTM B 117) at 3 to 5 wet mils application. It is available in black or green. 800/426-7832; www.cortecvci.com

SHERWIN-WILLIAMS POLY-COTE

Fast-drying, high-build, solvent-free Poly-Cote polyurethanes from Sherwin-Williams' protective and marine coatings division deliver fast throughput corrosion protection for water conveyance piping. The chemical- and abrasion-resistant products provide a smooth, glossy finish and offer the hydrophobic properties of an epoxy while maintaining the durability, flexibility and fast cure times of a urethane. All are NSF certified up to 250 mils. They exceed the minimum requirements of AWWA



Poly-Cote polyurethanes from Sherwin-Williams

C222-08 Polyurethane Coatings for the Interior and Exterior of Steel