

Three PROSOCO Cleaners Earn EPA Safer Choice Label

Three products from PROSOCO's Consolideck concrete flooring line earned the EPA's Safer Choice label. DailyKlean, DailyKlean ULTRA 15, and DailyKlean ULTRA 30, phosphate-free cleaners for concrete floors, contain no hazardous solvents, environmentally harmful surfactants, fragrances, or dyes. DailyKlean is for use in a mop bucket or any sized auto-scrubber, DailyKlean ULTRA 15 is a premeasured concentrate for 15 gal. (57 L) auto-scrubbers, and DailyKlean ULTRA 30 is a premeasured concentrate for 30 gal. (114 L) auto-scrubbers.

Solidia Technologies Receive Three Patents for Concrete Production Systems

The U.S. Patent and Trademark Office issued three patents to Solidia Technologies® for concrete production systems that offer the construction and materials industries sustainable applications for infrastructure. U.S. Patent No. 9,221,027, "Curing Systems for Materials that Consume Carbon Dioxide and Method of Use Thereof," covers Solidia's system for curing concrete using CO₂. U.S. Patent No. 9,393,715, "Composite Railroad Ties and Methods of Production and Uses Thereof," covers railroad ties manufactured from novel composite materials. U.S. Patent No. 9,266,147, "Precursors and Transport Methods for Hydrothermal Liquid Phase Sintering (HLPS)," provides a method for the CO₂ curing of concrete at ambient pressure, without the need for an autoclave. Solidia Technologies shares the latter patent with Rutgers, The State University of New Jersey, where the original generation of the technology was co-invented by Vahit Atakan, Solidia's Chief Scientist and former Rutgers graduate student and research associate, and Professor Richard Riman. Solidia has a licensing agreement with Rutgers for this technology. The Federal Highway Administration supports Solidia with a multi-year cooperative agreement to examine transportation infrastructure applications.

ASCC Safety Awards

Concrete contractors with exemplary safety records for 2015 were recognized by the Safety & Risk Management Council (SRMC) of the American Society of Concrete Contractors (ASCC) at the association's Annual Conference in Minneapolis, MN. W. Burr Bennett Awards for Safety Excellence were given to specialty contractor Structural Preservation Systems, Columbia, MD; and general contractor Sundt Construction, Inc., Tempe, AZ. These awards are presented in partnership with CNA, Chicago, to contractors

that place the highest priority on safety. General contractors receiving the Outstanding Safety Achievement Award for the lowest incident rate were Walbridge, Detroit, MI (over 500,000 work hours); Briegan Concrete Contractors, Clayton, NC (120,000 – 500,000 work hours); and Gregory Construction Services, Columbus, MS (less than 120,000 work hours). Specialty contractors receiving the Outstanding Safety Achievement Award were Structural Preservation Systems, Columbia, MD (over 200,000 work hours); Lloyd Concrete Services, Forest, VA (70,000 – 200,000 work hours); and Poppoff, Inc., Moxee, WA (less than 70,000 work hours). Three companies were recognized for outstanding fleet safety records: Raffin Construction Co., Chicago, IL, 480,000 miles with zero accidents; Briegan Concrete Construction, Clayton, NC, 994,063 miles with zero accidents; and Wayne Brothers, Inc., Davidson, NC, 2,032,937 miles with zero accidents. Forty-nine contractors received awards for zero lost time due to accidents, 42 contractors were recognized for having lowered their incident rate from the previous year, and 73 contractors received certificates for achieving an incident rate below the national average.

Spancrete Partners with Shanghai Builder

Spancrete has partnered with a builder in Shanghai, China, to produce modern precast buildings. The company, Shanghai CITI_RAISE Construction Group, is building multi-level, multi-family homes with its Spancrete precast system. The precast system includes a Spancrete GT-120 Slipformer System, which produces Hollowcore slabs. In response to Spancrete's efforts to help Shanghai CITI_RAISE Construction Group bring precast buildings to the region, the city accepted Spancrete Hollowcore and added it into the local code.

Premier Concrete Celebrates 30th Anniversary

Premier Concrete, a family-owned and -operated concrete contracting company specializing in commercial, industrial, governmental, and community-based projects, celebrated its 30th anniversary. Premier Concrete has worked on notable concrete construction projects throughout its history, including a 240,000 ft² (22,000 m²) dual-level prototype that houses a Sam's Club on the bottom level and a Walmart on the top; the Nelson building on Johns Hopkins' medical campus; the stone wall on Key Highway overlooking Baltimore's Inner Harbor; and a multi-year renovation plan for Mt. Washington Pediatric Hospital.