

# Product Showcase

## Curing Technologies



### ChemMasters Polyseal EZ Shield

Polyseal™ EZ Shield™ from ChemMasters is a nonyellowing acrylic curing and sealing compound with a penetrating silane shield for beautification and protection of decorative concrete. It may be used on decorative concrete finishes, including stamped and exposed-aggregate concrete. The product provides protection from fertilizers, salts, grease, oil, stains, alkalis, and mild acids while minimizing spalling due to freezing-and-thawing cycles and deicing chemicals. Polyseal EZ Shield forms a clear, protective, UV-stable coating that meets ASTM C309 curing efficiency specifications. The compound is formulated to prevent the formation of bubbles, ensuring maximum user-friendliness during application under a wide variety of environmental conditions. The silane component does not detract from clarity, gloss, or color development.

—ChemMasters, Inc., [www.chemmasters.net](http://www.chemmasters.net)

### AOMS Technologies LumiCon Concrete Sensors

LumiCon™ wireless concrete sensors sync with the cloud to provide real-time data on temperature, maturity, strength, humidity, and evaporation rate through any device connected to the internet. To install, sensor cables must be tied to reinforcing bars. Sensor cables are then plugged into the transmitter node for monitoring. After monitoring is complete, the transmitter node may be recovered for reuse. LumiCon sensors are used to monitor mass concrete, rapid-curing concrete, and hot- and cold-weather concrete placements.

—AOMS Technologies, [www.aoms-tech.com](http://www.aoms-tech.com)

### PNA HydraCure Covers

HydraCure™ covers optimize hydration during concrete curing to ensure uniform concrete flatwork. These covers can be used on paving projects and slabs, whether indoors or outdoors. They comprise inorganic materials—nonwoven fabrics coated with a polyethylene film—that maintain a 100% humidity condition below the cover. The polyethylene film is UV-resistant and reflects sunlight to prevent heat buildup. Available as single-use (HydraCure S16) or multiuse (HydraCure M5), these covers will leave a project stain- and residue-free while increasing concrete strength and durability and reducing cracking, crazing, scaling, dusting, and pop-outs.

—PNA Construction Technologies, [www.pna-inc.com](http://www.pna-inc.com)



### Allen PRO430E Edger Walk-Behind Trowel

The PRO430E Edger Walk-Behind Trowel features a unique rotating edge ring that can trowel along the edges of walls or around protruding pipe and conduit. The spinning edge ring allows finishing within 5/16 in. (8 mm) of walls or pipes. The trowel is powered by a CH270 7 hp (5.2 kW) Kohler gasoline engine. Two handle styles are offered—one with fine blade pitch adjustment using a twist action and one with a rapid blade pitch control using a lever action. A heavy-duty pick point allows the trowel to be placed on a jobsite. This trowel will easily fit through standard doorways.

—Allen Engineering Corporation, [www.alleneng.com](http://www.alleneng.com)

## Euclid Super Diamond Clear VOX

Super Diamond Clear VOX is a water-based, nonyellowing, acrylic curing and sealing compound with VOC content below 100 g/L (13.4 oz/gal.). This product complies with ASTM C309 and ASTM C1315. It can be used to cure freshly placed interior or exterior concrete, with a first coat covering 200 to 300 ft<sup>2</sup>/gal. (4.9 to 7.4 m<sup>2</sup>/L). It can also be used on existing concrete, giving the surface a glossy appearance and a protective seal. Certificates of compliance with California Department of Public Health Standard Method v1.2 verify that the product is a low-emitting material and can help earn LEED v4 EQ Credit: Low-Emitting Materials. The compound is available in 1, 5, or 55 gal. (3.8, 18.9, or 208 L) units.

—Euclid Chemical Company, [www.euclidchemical.com](http://www.euclidchemical.com)



## Kaufman Krystal ReFresh OTC

Krystal ReFresh OTC can be used to cure and seal new concrete, as well as to reseal old concrete that has lost its luster. It provides a glossy wet look while remaining breathable. It is engineered with proprietary defoaming agents to prevent bubbles and with a solvent blend for easy application. A high-gloss, all-acrylic, nonyellowing resin with a slow evaporation rate, Krystal ReFresh protects from deicing salts, oils, dirt, and grease and meets EPA, LADCO, and OTC VOC content laws. It may be mixed with Kaufman's SureGrip to add skid resistance to concrete floors, patios, and swimming pool decks.

—Kaufman Products, Inc., [www.kaufmanproducts.net](http://www.kaufmanproducts.net)

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