Curing Products

**BASF CONSTRUCTION CHEMICALS**

Confilm® evaporation reducer helps produce high-quality flatwork by reducing the evaporation of bleed water from the surface of freshly placed concrete. It reduces and, in many cases, eliminates plastic-shrinkage cracking and wind crusting of surfaces. It also decreases stickiness and underlying sponginess, which can cause unevenness and poor surface texture. It’s especially helpful in mixtures containing supplementary cementitious materials, which tend to have low bleeding rates. It can be used to combat many conditions that lead to rapid drying, including high concrete temperatures, high ambient temperatures, low humidity, high winds, and direct sunlight.

—BASF Construction Chemicals  
CIRCLE 60

**PNA CONSTRUCTION TECHNOLOGIES, INC.**

HydraCure™ curing covers are made of smooth, inorganic fibers that won’t disintegrate or stick to fresh concrete. The fibers won’t rot during storage, add residue or chemicals to the slab, or stain the slab surface. The nonwoven synthetic fibers trap and retain water, and the impervious backing provides 100% humidity on the slab. HydraCure S16 is a single-use cover designed for application when slab appearance is critical, and HydraCure M5 is a multi-use cover that can be reused up to 20 times when properly rinsed and stored.

—PNA Construction Technologies, Inc.  
CIRCLE 61

**VEXCON CHEMICALS, INC.**

The StarSeal® EF Cure & Strip system ensures a great looking floor by forming a barrier on the surface during the curing process to protect the slab from spills and stains. It protects fresh concrete from excessive curing-water migration and eliminates dry spots that can be created when other curing aids become dislodged. Featuring biodegradable components, the system helps contractors achieve a structurally sound and densified concrete surface.

—Vexcon Chemicals, Inc.  
CIRCLE 62

Click on the Free Product Information link at www.concreteinternational.com for more information or to be directed to the companies’ Web sites. You can also obtain more information by using our reader service inquiry system and circling the appropriate number for the items of your choice.
**AXIM ITALCEMENTI GROUP**

Catexol™ Cure & Seal HG is a milky-white water-based emulsion curing compound that dries to a high-gloss finish. It provides the greatest protection to UV exposure and is designed for use on exterior above-grade architectural concrete where a premium, long-lasting, and vibrant shine is required. Catexol Cure & Seal Plus+ is a water-based, solvent-free alkylated alkoxy siloxane emulsion that provides excellent performance as a cure-and-seal agent for concrete. It’s easy to apply and provides long-term protection. Both compounds provide a water-repellent, dustproof, and nonyellowing surface and meet most VOC regulations.

—Axim Italcementi Group

CIRCLE 65

**THE EUCLID CHEMICAL CO.**

EverClear TB and Luster Seal 350 are solvent-based curing and sealing compounds formulated to comply with Ozone Transport Commission VOC regulations. They provide protection against the damaging effects of traffic, weather, and deicing salts while allowing the concrete to breathe. They’re especially good for use with decorative concrete, as they enhance the color of stamped concrete, exposed aggregate, and colored concrete pavers, making the surfaces look deeper and richer in appearance. EverClear VOX is a new water-based curing and sealing compound with advanced acrylic resin technology that provides excellent initial curing and an attractive semi-gloss seal. It’s extremely durable, won’t blush or turn white when exposed to moisture, and has a very low VOC content.

—The Euclid Chemical Co.

CIRCLE 63

**SIOUX CORP.**

The Steam-Flo® steam generator is a reliable, economical, and portable source of low-pressure steam. The steam can be used to accelerate concrete curing in kilns or under blankets. It saturates the curing areas with steam, uniformly heating the concrete and speeding up the curing process. Using steam in the curing process creates stronger concrete and faster form turnover, resulting in increased profitability. The unit is also ideal for use in outlying areas or overflow production and can be used to quickly and economically heat frozen aggregate.

—Sioux Corp.

CIRCLE 64

**Special Products & Practice Showcase**
Wacker Neuson Corp.

The CH5000 Cross Heater™ is a portable and flexible hydronic heater that can be used in thawing, frost prevention, curing, and air heating applications. It increases productivity by providing complete climate control, in any environment, all with one unit. With 5000 ft (1525 m) of heat transfer hose, it’s capable of thawing up to 10,000 ft² (930 m²) of ground. Up to 15,000 ft² (1390 m²) of ground can be heated to help prevent frost or preheated in preparation for curing. The hose can be placed over 10,000 ft² (930 m²) of concrete slabs-on-ground, elevated slabs, walls, or columns to help speed the curing process, and up to 30,000 ft² (2790 m²) of concrete can be cured with additional hose.

—Wacker Neuson Corp.
CIRCLE 66

W.R. Meadows

The 1600-White Series water-based, white-pigmented concrete curing compounds are wax-based dispersions with selected white pigments. When properly applied, they provide a premium-grade film that optimizes water retention, while the white pigment reflects the sun’s rays to help keep the concrete surface cooler and prevent excessive heat build-up. They produce hard, dense concrete and minimize thermal cracking, dusting, shrinkage, and other defects. They increase tensile and compressive strengths and improve resistance to abrasion, salts, and chemicals.

—W.R. Meadows
CIRCLE 67

Reef Industries, Inc.

Transguard® Concrete Curing Covers help provide proper moisture control during curing to reduce cracking, dusting, and scaling for both site-cast and precast applications. These reusable covers are lightweight with exceptionally low permeability to retain water. They allow concrete to achieve maximum expansion, control curing, and maximize plastic shrinkage. Transguard 4000 comprises a natural polypropylene nonwoven white synthetic fiber mat and a white polyethylene backing that contains stabilizers to protect against UV degradation. It won’t produce brown stains or affect the appearance of the concrete, and it meets or exceeds AASHTO M171 and ASTM C171 standards for moisture retention and reflection.

—Reef Industries, Inc.
CIRCLE 68

Chamtech Systems

Placing concrete in cold weather requires certain precautions to ensure proper curing, and structural precast concrete further requires carefully controlled post-curing cooling. Rollcov-R™ is a freestanding, self-storing, retractable curing system that offers the perfect solution for controlling the curing and cooling of precast concrete structures without compromising the integrity of the product or the manufacturer’s production schedule. The seamless tarp, set on a lightweight high-strength aluminum structure, seals out the elements with impermeable, UV-resistant, and flame-retardant fabric. The enclosures are custom designed and built for each application.

—Chamtech Systems
CIRCLE 69