

Waterproofing Solutions for Precast Concrete

KIM®

Concrete Waterproofing Admixture

Achieve higher gross margins on your sales when you add KIM® to the mix.

Kryton's Krystol Internal Membrane™, better known as KIM® provides added value to precast concrete products. KIM® is a proprietary admixture that reacts with cement and water to form millions of needle shaped crystals that grow and fill the pores and micro-cracks in the concrete. Over time if any new cracks develop the crystals reactivate and grow to block any water trying to get in or out – ensuring continuous waterproofing over many years.



*At the Lab. In the Field.
By Your Side.*



Adding KIM® to precast concrete adds value at high margins and allows you to access waterproofing dollars that you are currently missing out on. Your customers will benefit from precast products that arrive at the jobsite pre-waterproofed, saving them time and money.

A World of Applications

- Utility structures
- Water and wastewater
- Sanitary and Stormwater
- Transportation related products
- Building and site amenities
- Agricultural products



KIM® Concrete Waterproofing Admixture

The KIM Precast Advantage:

- **Add value** – Consumers and contractors benefit from precast products that arrive at the jobsite pre-waterproofed
- **Environmental choice** - Safe for potable water (certified to NSF/ANSI std. 61) and non-toxic
- **Permanent solution** – Impervious to physical damage or deterioration, self-seals micro-cracks
- **Protect reinforcing steel** – Prevents the penetration of waterborne contaminants and chloride-laden liquids that cause the corrosion of reinforcing steel
- **Crack resistance and reduction** – Reduces shrinkage and cracking during the plastic and curing stages, increasing quality and longevity of concrete
- **Freeze-thaw durability** – Improves durability through high-quality air-entrainment that mitigates the effect of expansion and contraction of freezing water within concrete
- **Outperforms the competition** – Leader in head to head tests for resistance to hydrostatic pressure and self-sealing abilities
- **Self-healing ability** – KIM® will reactivate in the presence of moisture to seal new cracks even years later
- **Prolongs the life of the concrete** – Improves durability, protects reinforcing steel and resists hydrostatic pressure



"The KIM system is easy to use, requires very little labor and we are responding to municipal requirements that won't allow tar based systems to be put below ground."

SPS Septic, GA USA



"We use it (KIM®) in our septic tanks as a precaution to prevent water from penetrating or escaping the tank through any cracks that may occur during the manufacture process or in the future while in the ground from any settling."

Bode's Precast Septic Tanks, WA USA



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