

MiraPrime Aqua-Blok XL



Deep Penetrating Integral Waterproofing Colloidal Silicate

Product Features:

- Significantly reduces efflorescence
- Waterproofs the surface of concrete
- Controls hydration of new concrete
- Exfoliates entrapped salts
- Reduces rust formation on rebar
- Reduces ASR (alkali silica reactivity)

Permanently Waterproof Concrete Internally with MiraPrime Aqua-Blok XL

MiraPrime Aqua-Blok XL is a unique colorless, odorless, non-toxic and ultra-low viscosity water-based liquid primer that integrally waterproofs, strengthens and seals concrete, mortar and other cementitious materials. Unlike most other colloidal silicate technologies, the unique molecular size and shape of MiraPrime Aqua-Blok XL results in a product with extremely low surface tension and excellent lubricity to penetrate quickly and at greater depths in the concrete matrix.

Exhibiting highly reactive and hydrophilic properties, MiraPrime Aqua-Blok XL rapidly migrates through the waterways and capillary tracts of concrete where it chemically reacts with and converts free water-soluble calcium hydroxide into a dense crystalline network of insoluble calcium silicate hydrate gel within the concrete pore structure.



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Applications:

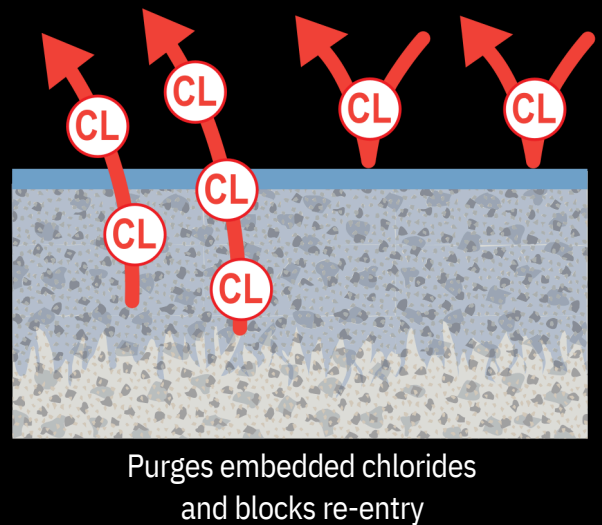
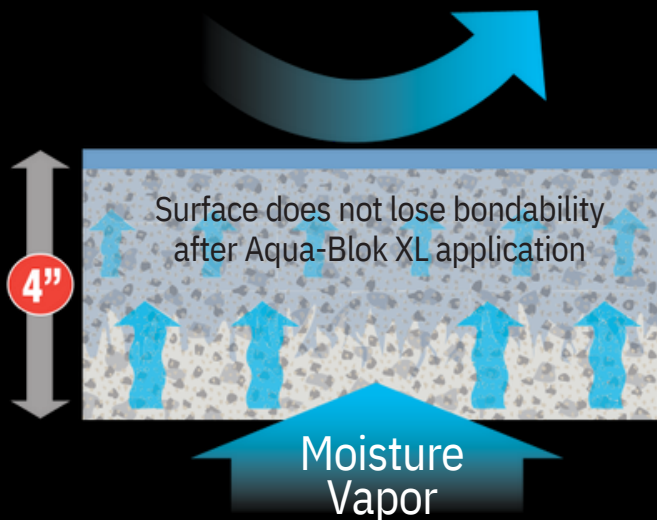
- Fountains, pools, spillways, dams and aquatic tanks
- Waterproofing of planter boxes and foundations
- Plaza decks
- Pedestrian bridges
- Balconies and breezeways
- Pool decks and promenades
- Mechanical equipment rooms
- Water and wastewater facilities
- Elevator pits and containment structures

Where To Use:

- Guniting and shotcrete pools
- Pre-cast and cast-in-place concrete
- Parking structures
- Sea walls
- Building foundations
- Water and wastewater treatment facilities
- Pedestrian walkways
- Atriums & courtyards
- Balconies & breezeways
- Driveways & porte-cocheres
- Pool decks & promenades
- Plaza decks
- Parapets and columns

How It Works:

- Protected from rain, salt, UV, oil, fertilizer
- Unaffected bond line for plaster, mortar, or membrane application



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