
Description

Maxon-CP is a water-borne, green product that works by permeating concrete. Maxon-CP is not a silicate, sodium silicate or lithium-based product, but a hydrogel. Maxon-CP is a 1 K material, just stir or shake before using. Maxon-CP is amorphous in the absence of water and possesses the ability to repeatedly re-hydrate while performing three main functions:

- Permeates concrete substrates from 5.5 to 6 inches (up to ~150mm) below the surface.
- Removes chlorides and salts from concrete substrate surfaces as well as below.
- Creates an aqueous film that protects against water while allowing the concrete to continue to breath.

Basic Usage

Maxon-CP is an ideal tool for stopping spalling and improving concrete's durability against the environment. Maxon-CP is not a structural product. It is imperative to confirm with an engineer that the structure is sound. Like any anti-corrosive product, it stops further corrosion, however, existing damage will not be restored.

Typical concrete such as most Portland based batch mixes are an ideal platform for Maxon-CP.

Maxon-CP will not change the surface of concrete substrates. While application is taking place, a light sheen may appear, and if salt is present, it too may rise to the surface. The salt must be washed off.

Besides salt, Maxon-CP will remove chlorides and permeate deeply below the surface of concrete. Maxon-CP can access up to 5.5 to 6 inches (up to ~150mm) into a standard concrete medium. This depth of permeation is not unusual.

After application, the concrete will be primed. Because Maxon-CP is a water-borne product, the surface of the concrete can be dry, wet or damp. Please note that if there is any pooling water in low spots of a slab, the water must be removed first.

After application you can walk on the concrete right away, though it is preferred to wait until the complete application job is finished.

Shelf-Life

Shelf life is expected to be 5 years if container is new/sealed and stored in a cool, dry environment.

