

## CCPS-9922 : : Concrete Capillary Protective Sealer



### Introduction / Main features

- Prevent capillary effect from water pressure
- Moisture barrier from inside to outside & vice versa – below 5 bar
- Penetrating sealer 10mm below surface, not surface coating, react inside concrete.
- Safe from UV damaging effect and not easily dry / crack
- Last more than 20 years, because the crystal formed inside the concrete will stay forever and coexist with the concrete. Repeated application is not necessary
- Protect concrete from deterioration by chlorides, airborne pollutants and chemicals harmful to its long life. Inhibits the ingress of oils, greases and light acids
- Increase the density and hardness of the concrete
- No change to the feature of the concrete
- Good for preventing de-lamination of old and new concrete
- Forming a gel in 1 minute and will become a crystal hard in 21 days
- Nano size particle - deeper penetration, better bonding, better protection
- Water based product - easy cleaning, less odor, non-flammable, quick dry, environmentally safe

### Application

Any concrete that has capillary effect or water pressure up to 5 bar such as: wharf, bridge, high rise building, base floor, bathroom, wall surface, basement, public road surface, airport runway, water tower (pond), tunnel, culvert and other cement based

### Coverage

- Smooth surface : 6-7 m<sup>2</sup>/lt
- Rough surface : ± 3 m<sup>2</sup>/lt

### Technical Index

No	Detected Items	Performance Index
1	Toxicity	None
2	Odor	None
3	Flammability	Non-ignition
4	Boiling point	100C
5	Freezing point	0C
6	Ph value	11
7	Vapor	Only water
8	Proportion	1.14 (25C)

No	Detected Items	Performance Index
9	Water-solubility	Mix with water
10	Viscosity	About 6 centipose
11	Color	Transparent
12	Element	Na, Si, Fe, Ni, Cu, ZA, Zr
13	Main component	Sodium Silicate (74%)
14	Hazardous	Non-dangerous, non flammable
15	Health	Skin: mild itchiness
		Eye: irritation

### Statement:

This brochure is based on our testing and experience and can be used as a construction guideline. Given the fact that many factors can affect the end result, we are only responsible for the quality of the product. As the technological progressing, we reserve the right to modify this specification without notice.

