



## PRODUCT DATA SHEET

### Crystal Lok® Concrete Treatment

**Waterproofs When Applied on Either Side of Concrete Structures**  
**VOC < 0.01 mg/L**

#### **Product Description:**

Crystal Lok® is a water based concrete penetrating sealer, formulated to waterproof, damp proof, seal and keep the natural appearance and profile of Portland cement based concrete.

- Waterproof concrete structures and protect against water and other liquid penetration.
- Dampproof to allow structures to expel trapped water as vapor.

#### **Basic Use:**

Crystal Lok® is recommended for use on Portland cement based concrete, concrete blocks, mortar, gunnite, slabs, floors, subsurface vaults or basements, walls, roofs, pillars, pipe, sculpture, architectural structures, statuary and decorations. Apply to concrete with stone, steel or poly fiber aggregate, free of other chemistry including coatings, sealers, cleaners or contaminates.

Crystal Lok® is recommended to protect against water seepage, freeze-thaw spalling, efflorescence, absorption of liquids including water, oils, acids, ores, salts, chloride ion intrusion; attack by alcohols, petroleum fuels, and other sources of damage where the seepage is not caused by cracking or other structural flaws.

**DOT Shipping Classification** - 55      **Universal Customs Code** 2839.19.00.00

**Packaging:** Crystal Lok® is packaged in 5 and 55 gallon containers.

**Thinning:** Do not thin.

**Coverage:** 300 to 200 square feet per gallon (4 sq meters/ltr). Variable depending on the actual surface characteristics. May be applied to 150 sq ft per gallon by a 3rd light mist coat to identify areas of greater porosity in the original structure which can absorb more Crystal Lok®.

**Cautions:** alkaline liquid. pH11.5. Avoid contact with skin and eyes. In case of contact, flush immediately with plenty of water. If irritation continues call a physician. Do Not Store in Aluminum Containers. Store, mix, or apply in steel or plastic containers only. Spills are slippery. See label and [MSDS](#).

**Surface Preparation:** Remove dirt, grease, oil, old paint, form release agents and other deposits for a residue free surface. Surface may be etched or blast tracked or sand blasted prior to application. Surface must be able to absorb water.

**Application:** Apply with clean hand pump garden sprayer, airless paint spray equipment, roller, or brush. Apply at 45°F and rising and below 100°F(7°-37°C) and falling. Avoid freezing before applying.

**Application method:** Airless spray tip orifice .017 - .027 inch with .019 inch optimal. Garden type hand spray pump, roller or brush. Clean equipment with soap and water after use.

**Dry Time:** Dry time - Walk on when eye-dry. Cure may bond tools, hoses or equipment to the concrete. Remove equipment from treated surfaces for 12 hours.

**Recoat:** 15-30 minutes for 2nd coat. To 3 days if third light coat preferred.

**Clean-Up:** Soap and water.

**Technical Services:** call Crystal Lok LLC; 916-716-2757 or e-mail [info@clco.us](mailto:info@clco.us)

Go to [www.crystal-lok.com](http://www.crystal-lok.com) for Technical Data, information.

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**CRYSTAL-LOK®**

Concrete  
Waterproof  
Treatment

# Concrete Treatment Waterproofing & Chemical Defence

The Best Advertisement Is A Happy Customer  
Here Are A Few Of Ours



**Interchanges & Causeways in Viet Nam  
By Obayashi Construction Co & Others**  
10 Million Square Feet of Crystal-Lok® applied to bridges  
interchanges and causeways by Vipexim, J.S.C., Hanoi



**10 Million Gallon Potable Water Tank  
Pasco, Washington**  
The tank roof eroded from freeze/thaw spalling leaking rain  
water into tank. Matheson Painting applied Crystal-Lok® to  
the tank roof solving this problem. Still holding 10 years later.



**PG&E Diablo Canyon Nuclear Power Plant  
Avila Beach, California**  
Required protection of a hazardous waste warehouse floor.  
Specified by and applied by Diablo Canyon staff, 2012.



**Chateau St. Michelle Winery  
The Oldest Winery in Washington**  
Required aging tunnels and storage rooms treated for  
ground water penetration through floors. Done in 1996.  
No other treatment has been required.

**How Could You Use Crystal-Lok® On Your Concrete?**

**Water-based  
Non-Hazardous**

Crystal-Lok®, LLC  
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Sacramento, CA 95825

**VOC: 0**

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