

# Clearwater Finish

Water Based, Chemical Resistant, Polyurethane Sealer

## DESCRIPTION:

Clearwater Finish is a two-part low VOC waterborne polyurethane exhibiting excellent chemical resistance, high gloss, and excellent abrasion resistance. Properties are similar to high performance solvent-based polyurethanes. The pleasant odor makes it ideal for indoor use such as schools, hospitals and hotels. Clearwater finish is also excellent for surfaces where abrasion resistance and UV protection are required. Can be applied in a single thick film thus saving production time

## RECOMMENDED FOR:

- < Gemstone Deck Systems.
- < Anti-graffiti barriers, Wood.
- < Epoxy floors, Airplane Hangers, Schools, Hotels, Hospitals.

## FEATURES / BENEFITS:

- < Low VOC's and odor while still maintaining similar properties to solvent based polyurethane.
- < Excellent UV and chemical resistance.
- < Single coat application with a high-gloss finish.

## PACKAGING / ESTIMATING:

Gemstone Clearwater Finish is packaged in two parts.

Part A: 4-gallon pail

Part B: 1-gallon pail

**Coverage Rates-** Approximately 200 – 400 ft.<sup>2</sup> per gallon

## PERFORMANCE DATA:

**Elcometer Adhesion:** 100 % Cohesive failure  
(ASTM D 4541) 0 % Bond loss.

**Thermal Compatibility:** 5 Cycles, no delamination  
(ASTM C 884)

**Scaling Resistance:** after 50 cycles No Scaling  
(ASTM C 672-91)

## TECHNICAL DATA:

**Solids** 20%

**Diluent** Water

**Clean – Up** Soap and Water

**VOC Content:** <100 g/l (0.83 lbs./gal)

**Durability:** Excellent

**Light Stability:** Excellent

**EPA AIM Category** Water Repellant Sealer

## STORAGE AND SHELF LIFE:

Clearwater Finish has a shelf life of 12 months if stored in original, unopened containers between 50° – 90° F. Must be kept from freezing.

## SURFACE PREPARATION:

Concrete surfaces must be clean, sound with no standing water. Contact a Gemstone Systems, Inc. technical expert for additional information. Refer to industry organizations such as SSPC, NACE, and ASTM for additional information regarding concrete surface preparation.

## APPLICATION:

Mix Part A and Part B using a jiffy mixer at low speed for a period of 2 minutes. Apply using a brush, short nap roller, or spray equipment at a wet thickness of 4 mils to 6 mils per coat. If the coating is applied too thick foaming will occur. Use minimal back rolling otherwise micro bubbles may form. Allow to become tack free prior to applying the second coat. Wait until the coating becomes hard before putting it back in service. **DO NOT ALLOW TO FREEZE. DO NOT APPLY BELOW 50°F.**

## CLEAN UP:

Clean with soap and water. Do not use hydrocarbon solvents. Containers should be disposed of according to local, state and federal laws.

## LIMITATIONS:

- < Do not apply coating when rain is expected.
- < Clearwater Finish must be thoroughly agitated before use.
- < Do not apply to wet or damp surface.
- < Do not apply when air or surface temperature is below 50° F (10° C).
- < Do not add water otherwise there may be loss of gloss.
- < **DO NOT APPLY TO SURFACES THAT MAY GET WET AND BECOME SLIPPERY TO FOOT TRAFFIC. THIS IS A GLOSSY PAINT AND IT WILL GET SLICK WHEN WET. IF THE SURFACE HAS NOT ALREADY BEEN TREATED TO REDUCE SLID HAZARDS, SAND OR OTHER MATERIAL SHOULD BE ADDED TO THIS PRODUCT BEFORE OR DURING APPLICATION TO REDUCE THIS CONDITION. IT IS THE SOLE RESPONSIBILITY OF THE APPLICATOR OR OWNER TO DETERMINE THE SUITABILITY AND SAFETY OF APPLYING THIS PRODUCT IN AREAS OF PEDESTRIAN TREAFFIC.**

## RELATED BULLETINS:

SDS – Clearwater Finish.