

**CRYSTAL CLEAR**

**NON-YELLOWING CURING & SEALING COMPOUND  
QUICK-DRYING  
ECONOMICAL ANTI-DUSTING SEALER**

Crystal Clear is one of a family of state-of-the-art curing and sealing compounds specially designed to provide a quality cure and seal while assuring total resistance to yellowing from ultraviolet exposure. Crystal Clear is particularly suited for exterior architectural concrete where membrane yellowing is undesirable.

**PRIMARY APPLICATIONS:**

- Concrete warehouse floors
- Slate and stone surfaces
- Walls and columns
- Terrazzo floors
- Exposed aggregate surfaces
- Dry shake hardened floors
- Exterior or interior concrete surfaces

**FEATURES / BENEFITS**

- Provides a totally clear membrane for new concrete or old concrete.
- Seals all surfaces, providing glossy appearance and easier clean-up.
- Hardens new concrete by promoting a proper cure for improved abrasion resistance.
- Dustproofs concrete with a tough, durable film.
- Will not yellow under ultraviolet exposure.
- Enhances colour of natural stone.

**SPECIFICATIONS / COMPLIANCES**

ASTM C-309, Type 1, Class B

**APPEARANCE**

Crystal Clear is a clear liquid. After application and drying, Crystal Clear offers a clear, slightly glossy film which enriches the natural substrate colour.

**PACKAGING**

Crystal Clear is packaged in 5 litre and 20 litre pails.

**TYPICAL PROPERTIES AT 25°C**

<b>Drying Time</b>	10 Minutes
<b>Total Solids</b>	20%
<b>Flash Point</b>	29°C
Allow product to dry for 1-2 hours before exposure to traffic.	
<b>Shelf Life</b>	2 Years in original, unopened container
<b>Coverage – Curing and Sealing Concrete:</b>	
<b>First Coat</b>	6-8m <sup>2</sup> /lt
<b>Optional Second Coat</b>	7-9m <sup>2</sup> /lt
<b>Coverage – Stone Sealing:</b>	
<b>First Coat</b>	10-12m <sup>2</sup> /lt
<b>Optional Second Coat</b>	12-14m <sup>2</sup> /lt
Coverage will vary from the above rates depending on surface porosity and texture.	

# APPLICATION INSTRUCTIONS

These instructions are not intended to show product recommendations for specific service. They are issued as an aid in determining correct surface preparation, mixing instructions and application procedure. It is assumed that the proper product recommendations have been made. These instructions should be followed closely to obtain the maximum service from the materials.

## DIRECTIONS FOR USE:

### SURFACE PREPARATION

The concrete surface must be clean and free of standing water. Remove any sealer or other material that may prevent adhesion of the Crystal Clear.

### MIXING

Crystal Clear requires no pre-blending and should be used directly from the container.

### APPLICATION

Apply at a uniform coverage by spray or roller application. Product may be sprayed with a hand-held "pump up" sprayer or with an airless industrial sprayer. If roller applied, use a short napped solvent resistant sleeve. Do not over-roll as crystal clear is very fast drying and product will web.

### CONCRETE CURING

For the best cure of freshly placed concrete, apply Crystal Clear as soon as possible after finishing operations and/or immediately after the disappearance of the "sheen" of surface moisture.

### SEALING

When sealing, the surface must be clean and dry. Remove contaminants and stains such as waxes, grease and oil with strong soaps or caustic rather than acids. Badly worn or porous areas may need a second application to attain a uniform seal and surface gloss.

### CLEAN UP

Tools and equipment may be cleaned with Pro-Struct 105 Brush Cleaner. Run cleaning solvent through spray equipment to remove residual materials and prevent clogging of nozzle in future use.

### SEALER REMOVAL

Dried, cured sealer may be removed with strong solvents such as Pro-Struct 104 Thinner. Also acceptable are commercial paint strippers. (Always heed directions and warning labels).

Alternatively, the sealer can be removed by sandblasting or by other similar mechanical action.

### PRECAUTIONS / LIMITATIONS

- Material will not freeze in storage but should be allowed to rise to 4°C before application.
- Do not apply when concrete surfaces or ambient temperatures are below 4°C.
- Do not apply over bleed water or free standing water.
- Use with adequate ventilation and keep away from open flames. If solvent odor is objectionable, use of a water-based product such as Pro-Struct 610/601 for Concrete Curing.
- Although compatible with many carpet, tile and floor covering adhesives, a test section is recommended.
- Do not use as a bond breaker for tilt-up construction.
- HVAC intake ducts will distribute solvent odour into adjoining occupied areas of the building, care should be taken to block these ventilation vents.
- No heavy traffic until product has cured.
- Do not use in areas subjected to hot grease or oils.
- Not resistant to gasoline or brake fluid.

**CAUTION: MAY CONTAIN FLAMMABLE SOLVENTS. KEEP AWAY FROM SPARKS AND OPEN FLAMES. IN CONFINED AREAS WORKMEN MUST WEAR FRESH AIRLINE RESPIRATORS. HYPERSENSITIVE PERSONS SHOULD WEAR GLOVES OR USE PROTECTIVE CREAM. ALL ELECTRONIC EQUIPMENT AND INSTALLATIONS SHOULD BE MADE AND GROUNDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE. IN AREAS WHERE EXPLOSION HAZARDS EXIST, WORKMEN SHOULD BE REQUIRED TO USE NONFERROUS TOOLS AND TO WEAR CONDUCTIVE AND NONSPARKING SHOES**



### StonCor Africa (Pty) Ltd

Co. Reg. No. 1996/001848/07

Tel: +27 (0)11 254 5500

Website: [www.stoncor.co.za](http://www.stoncor.co.za)

E-mail: [stoncorsa@stoncor.com](mailto:stoncorsa@stoncor.com)