

CRYSTAL CLEAR

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

PRODUCT DESCRIPTION:

Pro-Struct 611 Crystal Clear is specially designed to provide a quality cure and seal while assuring total resistance to yellowing from ultraviolet exposure. Pro-Struct 611 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:

Pro-Struct 611 Crystal Clear is a clear liquid. After application and drying, Pro-Struct 611 Crystal Clear offers a clear, slightly glossy film which enriches the natural substrate colour.

PACKAGING:

Pro-Struct 611 Crystal Clear is packaged in 5 litre and 20 litre pails.

TYPICAL PROPERTIES AT 25°C

Drying Time	10 Minutes
Total Solids	20%
Flash Point	29°C
Number of Components	1
Allow product to dry for 1 to 2 hours before exposure to traffic	
Shelf Life	2 Years in original, unopened container
Coverage – Curing and Sealing Concrete:	
First Coat	6 to 8m ² /litre
Optional Second Coat	7 to 9m ² /litre
Coverage – Stone Sealing:	
First Coat	10 to 12m ² /litre
Optional Second Coat	12 to 14m ² /litre
Coverage will vary from the above rates, depending on surface porosity and texture.	
VOC	660 g/l

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 Pro-Struct 611 Crystal Clear.

MIXING:

Pro-Struct 611 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 Pro-Struct 611 Crystal Clear is very fast drying and the product will web.

- CONCRETE CURING:

For the best cure of freshly placed concrete, apply Pro-Struct 611 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 free of standing water. 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.

CLEANUP:

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 odour is objectionable, use a water-based product such as Pro-Struct 601/610 for Concrete Curing.
- Although compatible with many carpet, tile and foot 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 NON-FERROUS TOOLS AND TO WEAR CONDUCTIVE AND NON-SPARKING SHOES.



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