

Clear curing and sealing compound

PRODUCT DESCRIPTION:

Pro-Struct Crystal Clear is a high-quality, non-yellowing liquid coating designed to cure and seal concrete and other porous surfaces. Upon application and drying, it forms a clear, slightly glossy film that enriches the natural substrate colour while preventing dusting and promoting proper curing. Ideal for architectural finishes, it enhances surface appearance, improves abrasion resistance and offers long-term protection with UV-stability.

PRIMARY APPLICATIONS:

- Interior and exterior surfaces
- New and old concrete
- Cure new concrete
- Concrete floors
- Slate, slato and stone surfaces
- Brick walls and floors
- Walls and columns
- Terrazzo floors
- Exposed aggregate
- Dry shake hardened floors

FEATURES & BENEFITS:

- Multi-surface sealer
- Dustproofs and protects
- Hardens new concrete by promoting proper cure
- Improves abrasion resistance
- UV-resistant and will not yellow
- Provides a clear and easy to clean finish
- Enhances natural substrate colour

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 Crystal Clear.

Mixing:

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

Application:

Apply at a uniform coverage by brush, spray or roller application. Product may be sprayed with a handheld “pump-up” sprayer or with an airless industrial sprayer. If roller applied, use a short nap solvent-resistant sleeve. Do not over-roll as Pro-Struct Crystal Clear is very fast drying and the product will web.

TYPICAL PROPERTIES AT 25°C

Compliance	ASTM C-309, Type 1, Class B
Components	1
Packaging	1 Litre and 5 Litre plastic pails
Consistency	Liquid
Finish	Gloss
Colour(s)	Clear
Application Method	Brush, spray or roller
Application Temperature	Do not apply when surfaces or ambient temperatures are below 4°C
Coverage / Spread Rate / Yield	Curing and sealing concrete: 1 st coat: 6 to 8m ² /litre Optional 2 nd coat: 7 to 9m ² /litre Stone sealing: 1 st coat: 10 to 12m ² /litre Optional 2 nd coat: 12 to 14m ² /litre Coverage will vary from the above rates, depending on surface porosity & texture
Drying / Curing Time	Initial set: 10 minutes Traffic: 2 hours
Cleaner	Lacquer Thinner
Shelf Life	2 Years in original, unopened container

Concrete Curing:

For the best cure of freshly placed concrete, apply Pro-Struct 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 rather than acids. Badly worn or porous areas may need a second application to attain a uniform seal and surface gloss.

Sealer Removal:

Dried, cured sealer may be removed with commercial paint strippers (always heed directions and warning labels). Alternatively, the sealer can be removed by sandblasting or by other similar mechanical action.

STORAGE:

Store at temperatures between 4°C and 29°C. Keep away from sparks and open flames.

CLEAN-UP & SAFETY:

- Tools and equipment may be cleaned with Lacquer Thinners.
- Run cleaning solvent through spray equipment to remove residual materials and prevent clogging of nozzle in future use.
- Use in well-ventilated area.
- Keep away from open flames and ignition sources.

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 Cement Waterproofing Additive 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.

TECHNICAL INFORMATION:

Property	At 25°C
VOC	600g/litre
Solids Content	20%
Flash Point	29°C