

PS-18™ Solvent-Based Sealer – 599 VOC

Concrete Coatings Inc. PS-18™ Solvent-Based Sealer is a non-styrenated acrylic copolymer seal and dustproofing compound in an aromatic solvent containing 18% solids.

Features – Non-Yellowing, Crystal Clear – Dries to a Medium Sheen Finish – Interior/Exterior Use – Enhances Color – Excellent moisture retention for concrete for curing.

DESCRIPTION

Concrete Coatings Inc. PS-18™ Solvent-Based Sealer provides an outstanding combination of sealing and dustproofing for freshly finished interior or exterior concrete surfaces. It is an excellent dust proofer and surface sealer. PS-18™ will resist many chemicals (except some solvents) and helps protect against staining.

USES

Concrete Coatings Inc. PS-18™ can be used on any freshly poured and finished concrete surface such as colored or uncolored, stamped or exposed aggregate.

TECHNICAL DATA

Moisture Retention, Test ASTM C309

PS-18™ (at 200 ft² per gallon), kg/m²..... 0.21
Test requirement, not to exceed, kg/m²..... 0.55

Moisture Retention, Test ASTM C309

PS-18™ (at 300 ft² per gallon), kg/m²..... 0.32
Test requirement, not to exceed, kg/m²..... Less than 0.4

Gasoline Resistance

15-minute exposure (ponding)..... Slight dulling

Tg °C..... 50

Tukon Hardness

30 minutes at 180 °F 9.3
30 minutes at 300 °F..... 13.7

Pencil Hardness

30 minutes at 180 °F..... F
30 minutes at 300 °F..... H

Flexibility, 1/8, 1/4, 1/2 inch mandrels*..... 6,5,4

Spray conditions

Viscosity, No. 2 Zhan cup, sec..... 17

Abrasion resistance

(mg lost, CS-17 wheel, 1000g load, 1000 cycles)..... 160

*The degree of cracking at the bend over each mandrel is rated on a 0 (no failure) to 10 (complete flaking) scale.

PACKAGING

PS-18™ is available in five-gallon (18.925 L) containers and fifty-five gallon (208.175 L) drums.

COVERAGE

PS-18™ will cover approximately 150 to 200 square feet per gallon (6.13 – 7.36 m²/L) (spray) depending upon porosity of the surface.

STORAGE

Store in a safe place. Keep containers tightly sealed. **DO NOT** allow product to freeze. Material that is frozen **CANNOT** be used when thawed. Shelf life is approximately 12 months.

CAUTIONS

Contains aromatic hydrocarbons. **KEEP OUT OF REACH OF CHILDREN.** Before using or handling, read the Material Safety Data Sheet and Warranty. **DO NOT TAKE INTERNALLY.** Do not breathe vapors or mist. Use only with adequate ventilation and use a respirator when levels are above applicable limits. Avoid contact with skin and eyes. Close container after each use. Use good hygiene when handling this product and wash and bathe after each use. Be sure to wash clothing after each use. Protect surrounding structures by masking or other protection methods.

WARNING

IT IS ILLEGAL TO USE THIS PRODUCT IN THE STATE OF CALIFORNIA. OTHER STATES MAY ALSO HAVE SIMILAR RESTRICTIONS. CHECK WITH YOUR LOCAL REGULATORY AGENCY. **NOT RECOMMENDED** for dense surfaces. Apply in thin coats, only on surfaces textured for slip resistance. If applied too heavily or applied to dense surfaces, the sealer may become slippery, especially in areas where water accumulates.

PREPARATION OF CONCRETE

Apply **PS-18™** immediately after all surface water has disappeared and the surface cannot be marred. All finishing methods must be performed prior to **PS-18™** application.

APPLICATION

Application of **PS-18™** too early or too late can affect the overall curing performance. Use low pressure spray, roller or brush. Application by a sprayer with a 0.5 GPM (1.9 LPM) 80°Flat fan nozzle, at approximately 30 psi (2.1bar) is recommended. Make sure that the sprayer, as well as any other equipment the material will come into contact with is clean and dry. Do not contaminate the **PS-18™** with other materials, solvents or water. Do not thin. Apply uniformly without puddles. Light, thin applications are ideal. Heavy buildup will not improve performance. It is recommended that foot traffic remain off the finished sealed surface for a minimum of 24-48 hours. For heavy traffic, allow 72 hours or more for curing.

MAINTENANCE

Upon 28 day cure, subsequent coats of SuperSeal™2000 or GemKote™ are recommended to provide long-term sealing properties. The sealed surface should be inspected periodically for areas of thin or traffic-worn sealer and reapplied as needed. If traces of efflorescence are present, this should first be eliminated with a gentle cleaner. For maximum life expectancy, routinely sweep and wash floors with appropriate cleaners and detergents. All chemicals or abrasive grit should be removed as soon as possible.

WARRANTY

This product is not intended for public use and is intended for use by licensed contractors and installers, experienced and trained in the use of these products. It is warranted to be of uniform quality, within manufacturing tolerances. The manufacturer has no control over the use of this product, therefore, no warranty, expressed or implied, is or can be made either as to the effects or results of such use. In any case, the manufacturer's obligations shall be limited to refunding the purchase price or replacing material proven defective. The end user shall be responsible for determining product's suitability and assumes all risks and liability.