

# TECHNICAL DATA BULLETIN

## OKON SEAL & FINISH™ CONCRETE AND MASONRY SEALER

### PRODUCT DESCRIPTION

SEAL & FINISH is a ready-to-use, water base coating that makes concrete surfaces easier to clean and resistant to staining. A clear, low-gloss finish seals and protects new or existing, interior or exterior horizontal concrete. It can also be applied over or under other concrete coatings or as a protective layer over concrete stains. The final gloss will be determined by the initial porosity of the surface and the number of the coats applied. Multiple coats will produce a semi-gloss finish. SEAL & FINISH does not require acid etching and can be touched up or recoated with simple surface preparation. SEAL & FINISH is not recommended for some areas. See Label Limitations for details.

### TECHNICAL DATA

- Chemistry Micro-acrylic emulsion
- pH 8.5 – 9.5
- Weight Solids 13 %
- Product type Water-base
- VOC 62 g/L
- Specific gravity 1.01
- Breathable YES – ASTM 1653
- Flash point N/A
- Viscosity < 100 cps
- Paintable Yes - ASTM D 3359

**TINTING** –SEAL & FINISH can be tinted with up to 2 ounces of universal colorant to produce a transparent colored coating to simulate the appearance of stained concrete. Because of its transparency tinted product must be spray applied to avoid lapping. Spray apply using a garden-type sprayer or airless sprayer with a small tip (.011-.013) set at low pressure. Mask adjacent surfaces to allow spray application to all edges. Do not cut-in edges with brush or roller. Do not back roll or back brush. Tinted finishes should not be exposed to hot car tires. A final clear coat is recommended over tinted product to increase durability. After it has dried, tinted product cannot be easily touched up without lapping and a complete second application may be necessary to correct problems. Additional coats will increase the opacity of the finish and significantly affect the final color. Complete removal may be required to repair or touch-up tinted finishes. Always test apply tinted product in an inconspicuous area to evaluate the appearance, proper application rate and technique.

### SURFACE PREPARATION

SEAL & FINISH can be applied to horizontal concrete that is clean (free of waxes and oils), non-glossy and dry. Scuff sand to de-gloss existing coatings. **Clean:** Vacuum and damp-mop the surface. Use a degreaser to remove oil or grease stains. Check for the presence of wax on the surface by sprinkling with water. If the surface turns dark as the water is absorbed it is free of wax or sealer and can be coated. If not, a test area should be applied to ensure adhesion or the surface should be mechanically abraded. **Dry** – Duct tape a two foot square of aluminum foil to the surface. Remove the foil after 24 hrs. a dark surface under the foil indicates moisture and the surface should not be coated. New concrete must be cured for 28 days prior to coating. The surface must be thoroughly rinsed if applied over acid stain or if surface was acid etched. Un-rinsed acid salts may damage the coating and cause it to turn white.

### COVERAGE

The spread-rate of SEAL & FINISH will vary with the porosity and texture of the surface. Multiple coats of SEAL & FINISH can be applied to increase the durability and the final gloss.

Surface	1 <sup>st</sup> Coat (s.f./gal.)	2 <sup>nd</sup> Coat (s.f./gal.)
Rough (broom finish)	150	250
Smooth (float finish)	200	300
Very-smooth (trowel finish)	300	400

### APPLICATION

SEAL & FINISH is ready-to-use, no thinning is required. It appears milky-white when applied but dries clear. It can be applied by brush, 1/8" nap roller, pad or sprayer. Stir, do not shake. Apply an even, **thin**, wet coat maintaining a wet-edge to avoid lap marks. Work from a container and do not pour product onto surface to spread. Stop application at expansion joints, walls or breaks defined with masking tape. Do not allow product to puddle. Glossy surfaces are slippery when wet. Mix anti-slip additive into SEAL & FINISH to increase slip-resistance in traffic areas.

APPLICATION PARAMETERS	
Surface Temperature	50° F – 100° F
Relative Humidity	< 85%
Protect from rain	24 hours
Protect from dew	12 hours

DRY TIME	
Dry time to recoat	3 hours or when dry to touch
Dry time for foot traffic	12 hours
Dry time based on 70°F & 50% RH. Lower temperatures and higher humidity will increase dry time. Air circulation will aid drying. Higher surface temperatures will decrease penetration and increase initial gloss. Coatings cured at lower temperature exposed to early moisture may turn cloudy.	

**CLEAN-UP:**

Clean hands and tools with soapy water. Drips and runs that have dried may be removed using a strong solvent within 24 hours after application. After that time sanding may be necessary.

**LIMITATIONS:**

Do not use on flagstone, clay pavers or other non-porous materials. Chemicals contained in some car tires may cause coating to lift. Most tire marks can be removed with commercial cleaners. **SEAL & FINISH** is not recommended for areas exposed to gasoline, hydraulic fluids, heavy fork-lift traffic, cooking oils, or for application to kitchen counters, bar tops, glazed tile, or to exterior vertical concrete/masonry walls. **SEAL & FINISH** does not provide protection against hydrostatic water pressure, wind driven rain, or efflorescence.

**FIRST AID/SAFETY INSTRUCTIONS:**

**EYES:** Rinse thoroughly for 15 minutes. Get immediate medical attention. **INGESTION:** Call a physician immediately. **ONLY** induce vomiting at the instruction of a physician.

**WARRANTY**

The manufacturer will replace this product if, within 60 days of the date of purchase, it is shown to be defective when used as directed. THE MANUFACTURER'S LIABILITY UNDER ANY WARRANTY, WHETHER EXPRESSED OR IMPLIED, IS LIMITED IN DURATION TO 60 DAYS AND IS LIMITED SOLELY TO REPLACEMENT OF THE PRODUCT AND DOES NOT INCLUDE LABOR OR OTHER CONSEQUENTIAL DAMAGES. Some states do not allow limitation on how long an implied warranty lasts or do not allow the exclusion or limitation of incidental or consequential damages. So the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

**WARNING!**  
**KEEP OUT OF REACH OF CHILDREN**

**STORAGE**  
 Keep from freezing

**PACKAGING CODES**

Product No.	Package	Wtg.	UPC
OK-941	Gallon	9 lbs	7 49505 94001 4
OK-940	Five	47 lbs	7 49505 94005 2
OK-945	Drum	495 lbs	7 49505 94055 7



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