

TECH DATA - DOC 650  
ACRYLIC WATER BASE CONCRETE SEALER



**PRODUCT DESCRIPTION:**

DOC 650 a one component water based acrylic sealer that offers excellent resistance to water blushing without the objectionable solvent odors associated with solvent based sealers. This product has a fast set time and good stain resistance.

**RECOMMENDED FOR:**

Sealing concrete or cement, works great with decorative concrete overlays. Do not use in immersion service or constant chemical exposure areas.

**SOLIDS BY WEIGHT:**

25% (+/- 2%)

**SOLIDS BY VOLUME:**

21% (+/- 2%)

**VOLATILE ORGANIC CONTENT:**

VOC less than 84 g/l

**COLORS AVAILABLE:**

This product is available in a clear only

**RECOMMENDED FILM THICKNESS:**

3-4 mils wet (0.5 – 1.0 mils dry)

**COVERAGE PER GALLON:**

401-534 square feet @ 3-4 mils wet thickness

**PACKAGING INFORMATION**

This product is available in 1 gallon, 5 gallon and 55 gallon containers. (volumes approximate)

**MIX RATIO:**

One component product, simply stir before using

**SHELF LIFE:**

1 year in unopened containers

**ABRASION RESISTANCE:**

Taber adrasor CS-17

**IMPACT RESISTANCE:**

Gardner Impact, direct = 50 in.lb.

**ADHESION:**

395 psi

**VISCOSITY:**

Less than 200 cps

**CURE SCHEDULE: (70°)**

tack free (dry to touch).....1-2 hours  
recoat or topcoat.....2-4 hours  
light foot traffic.....3-5 hours  
full cure (heavy traffic)... ..2-3 days

**APPLICATION TEMPERATURE:**

60-100 degrees F with relative humidity below 85%

**PRIMER:**

None required.

**TOPCOAT:**

None required. Multiple coats of this product are compatible.

**LIMITATIONS:**

- 1) Clarity of color or gloss may be affected by high humidity, low temperatures or chemical exposure. Lighting like sodium vapor lights may affect color.
- 2) For best results use a good quality 3/8" nap roller.
- 3) Slab on grade requires moisture barrier.
- 4) Substrate temperature must be 5°F above dew point
- 5) All new concrete must be cured for at least 30 days
- 6) Do not apply this product to areas where there is standing water, damp concrete can be coated.
- 7) Too thick of an application may result in solvent entrapment and subsequent product failure.
- 8) Physical properties listed on this technical data sheet are typical values and not specifications.
- 9) See page 2 for application instructions.
- 10) See page 3 for limitations of our liability and warranty.

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**MIXING AND APPLICATION INSTRUCTIONS**

- 1) **PRODUCT STORAGE:** Continuous storage should be between 60 and 90 degree F. Keep from freezing.
- 2) **SURFACE PREPARATION:** All dirt, oil, dust, foreign contaminants and laitance must be removed to assure a trouble free bond to the substrate
- 3) **PRODUCT MIXING:** This product should be stirred well before using.
- 4) **PRODUCT APPLICATION:** The material can be applied by brush or roller. Maintain temperatures and humidity within the recommended ranges during the application and curing process.
- 5) **RECOAT OR TOPCOATING:** 2 hours
- 6) **CLEANUP:** Use Soap and Water
- 7) **RESTRICTIONS:** Restrict the use of the floor to light traffic and non-harsh chemicals until the coating is fully cured (see technical data under full cure). It is best to let the floor remain dry for the full cure cycle. Dependent on actual complete system application, surface may be slippery, especially when wet or contaminated; keep surface clean and dry.

**NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND  
LIMITATIONS ON OUR LIABILITY**

We warrant that our products are manufactured to strict quality assurance specifications and that the information supplied by us is accurate to the best of our knowledge. Such information supplied about our products is not a representation or a warranty. It is supplied on the condition that you shall make your own tests to determine the suitability of our product for your particular purpose. Any use or application other than recommended herein is the sole responsibility of the user. Listed physical properties are typical and should not be construed as specifications. **NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, REGARDING SUCH OTHER INFORMATION, THE DATA ON WHICH IT IS BASED, OR THE RESULTS YOU WILL OBTAIN FROM ITS USE. NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, THAT OUR PRODUCT SHALL BE MERCHANTABLE OR THAT OUR PRODUCT SHALL BE FIT FOR ANY PARTICULAR PURPOSE. NO WARRANTY IS MADE THAT THE USE OF SUCH INFORMATION OR OUR PRODUCT WILL NOT INFRINGE UPON ANY PATENT.** We shall have no liability for incidental or consequential damages, direct or indirect. Our liability is limited to the net selling price of our product or the replacement of our product, at our option. Acceptance of delivery of our product means that you have accepted the terms of this warranty whether or not purchase orders or other documents state terms that vary from this warranty. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with any sale of our products. Our products contain chemicals that may **CAUSE SERIOUS PHYSICAL INJURY. BEFORE USING, READ THE MATERIAL SAFETY DATA SHEET AND FOLLOW ALL PRECAUTIONS TO PREVENT BODILY HARM. (EPOXYDOC LLC)**

**SLIP AND FALL INFORMATION**  
**IMPORTANT PLEASE READ**

OSHA and the ADA (American Disabilities Act) have set standards for pedestrian surfaces concerning slip resistance. These standards are enforceable and should be taken seriously by professional installers and end users. Most floor coatings are not slip resistant. **Epoxydoc recommends the use of a slip resistant additive in all flooring systems.** Any floor coatings exposed to water, oil, dirt, grease, and or any other potential slip hazard material should contain a slip resistant additive. Epoxydoc or its sales agents shall have no liability and will not be responsible for incidents or injuries incurred in a slip and fall accident. It is the end user's and professional installer's responsibility to provide a flooring system that meets current safety standards for slip resistant floors when using Epoxydoc flooring systems.

**RESPIRATORY AND SKIN PROTECTION**

- 1) Use adequate ventilation when installing coatings.
- 2) Use protective clothing and gloves.
- 3) Use appropriate respirator during application in confined areas.
- 4) Avoid contact with skin
- 5) Some people may be allergic to floor coating resins and vapors