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## Tech & Data Sheet

# DCSeal

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### PRODUCT DESCRIPTION

**DCSeal** is an acrylic, non-yellowing, crystal clear cure and seal. It has been specifically formulated for sealing and protecting plain and colored concrete, masonry, pre-cast concrete and cementitious overlays. Recommended for use over stamped concrete, stamped overlays, stained floors and any other concrete or masonry surface where a clear bright finish is desired. **DCSeal** is an acrylic, non-yellowing and resistant to oil, grease, acid, deicing salts, ultra violet rays, wet and dry abrasion, and most household chemicals. **DCSeal** contains unique resins and solvent formulations designed for maximum penetration into the concrete pore providing great adhesion to the surface. It enhances the color of stamped concrete, overlays, stained floors, and it adds life to your decorative concrete surface while creating a hard and long-lasting protective shield over the surface. **DCSeal** is a ready-to-use product. It should not be diluted with xylene, toluene or any solvent. Do not thin – use straight from pail. Coverage is approximately 160-200 square feet per gallon.

### ADVANTAGES

- Water repellent
- Non-yellowing
- Penetrating and fast drying
- Enhances color of decorative concrete
- Reduces alkali/efflorescence attack
- Resistant to chemicals
- Prolongs life of surface
- Freeze / thaw resistant
- Maintains surface cleanliness
- Prevents mildew and fungi
- Improves weathering resistance of natural and manufactured brick products

### IMPORTANT NOTICE:

These products are sold subject only to the expressed warranties contained herein. Additional warranties, expressed or implied, and any warranty of merchantability is hereby excluded. Buyer agrees that seller assumes no liability for consequential damages of any kind, which result from the use or misuse of the merchandise sold hereunder. In the event that the buyer proves that any goods received do not conform to the specifications agreed to between the parties or if the buyer proves that such good were defectively manufactured, the buyer's remedies shall be limited to either the return of the good and repayment of the purchase price or replacement of the nonconforming good at the option of the seller. Such remedy being exclusive of all others and the sole remedy available to the buyer, hereby expressly waives any claim to additional damages.

### SURFACE PREPARATION

**DCSeal** may be applied over masonry, cementitious overlays and plain or colored concrete. The surface must be sound, dry and free of oil, grease, curing compounds and any other foreign material that may inhibit the penetration of the sealer into the surface. If grease, oil or other agents are blocking adhesion, degrease the floor with **Concrete Cleaner & Degreaser** using a stiff broom for scrubbing, floor buffer and a black pad, or a pressure washer, then test for water absorption. If water beads on any section of the floor, repeat the process until contaminants are completely removed. *The surface must be completely dry before applying **DCSeal**; surface moisture may cause delaminating, whitening, cloudiness and unappealing results.* NOTE: Cloudiness can be removed with Solvent Cleaner or Xylene.

### ADDITIONAL PREPARATION FOR STAMPED CONCRETE

Stamped concrete should be rinsed with clean water as soon as possible to remove the release powder, dirt or other contaminants. On the 6<sup>th</sup> day, prep surface with a mild acid wash (8 parts water to 1-part acid). Spray acid solution and broom into surface. After acid reacts (10 minutes) rinse thoroughly with fresh water. Let surface dry completely before **DCSeal** is applied.

### ADDITIONAL PREPARATION FOR PLAIN OR COLORED CONCRETE

Concrete surfaces (plain or colored) must be acid washed before sealing (8 parts water to 1 part acid). Once the concrete is at least 6 days old, spray acid solution and broom into surface. After acid reacts (10 minutes) rinse thoroughly with fresh water. Let surface dry completely before **DCSeal** is applied. Roughen up non-porous surfaces or power troweled concrete with a mild muriatic acid-water solution as well, or by mechanical means (shot blaster, sand blasting, scarifying, etc.).

### APPLICATION

**DCSeal** can be applied directly with a pump-up sprayer or non-shed paint roller. Apply sealer in uniform thin coats using a circular motion in the wrist (NOT back and forth in straight lines). At least two coats is the recommended application. Let first coat dry (approximately 2-4 hours depending on conditions) until tack-free, then apply second coat. We recommend not walking on the sealed surface for 24 hours and not driving on or putting heavy furniture on the surface for 48 hours. If slip-resistance is needed, add 1.5 cups per gallon of Skid-Resistant Additive to final coat of sealer. **NOTE: Temperature must be 40 degrees and rising to apply **DCSeal** and it should not freeze within the first 24 hours and sealer being applied.**

To RE-SEAL an existing sealed surface you must first degrease the surface with **Concrete Cleaner & Degreaser**. Use a broom to agitate degreaser on the surface, rinse well and let dry. Next, a mild acid wash is needed. Spray acid solution (8 parts water to 1-part muriatic acid) and broom into surface. After acid reacts (10 minutes) rinse well and let surface dry completely. To soften up the existing acrylic, you need to apply a light coat of Xylene or Toluene with a pump-up sprayer. Let this set until tack-free, then you can re-apply **DCSeal**.

**DANGER:**  
**EXTREMELY FLAMMABLE VAPORS MAY CAUSE FLASH FIRE**

Vapor may ignite explosively. Prevent buildup of vapors – open all windows and doors – use only with cross-ventilation. Keep away from heat, sparks, and open flame. Do not smoke, extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors, and other sources of ignition during use and until all vapors are gone. Close container after use. Keep out of the reach of children.

All Containers must be grounded properly, avoid any static discharge. Empty containers retain product residue and can be dangerous, do not reuse. Do not pressurize, weld or expose any empty containers to any ignition source as the container may explode and cause injury or death.

**FIRST AID / PERSONAL PROTECTION**

**FIRST AID:** Refer to Product Data Sheet and MSDS for information on this product.

**INHALATION:** Use with adequate ventilation. Reports have associated repeated and prolonged occupational overexposure with solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

**SKIN AND EYE CONTACT:** Avoid prolonged contact with skin, may irritate and cause dermatitis. Eye contact is severely irritating and will injure eye tissue causing permanent damage if eyes are not promptly rinsed with water.

**INGESTION:** May be harmful if swallowed. Small amounts of liquid aspirated into the respiratory system during ingestion or vomiting may cause bronchial pneumonia or pulmonary edema.

**EMERGENCY FIRST AID:** Inhalation; Remove victim to fresh air and restore breathing. Seek Medical attention. Skin Contact; Flush with water and get medical attention if irritation persists. Eye Contact; Flush with water for 15 minutes, get medical attention. Ingestion; Seek immediate medical attention. **DO NOT INDUCE VOMITING!**