



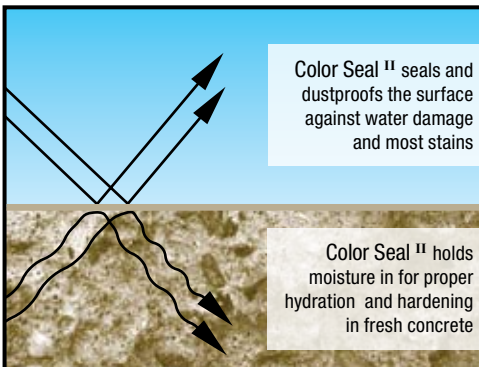
# COLOR SEAL II™

**Tinted Water-Base Semi-Transparent Curing Compound and Sealer for Colored Concrete.**



## SPECIAL FEATURES

- Cures and seals recently-finished, colored concrete
- Helps it harden and makes the surface non-dusting
- Protects against water damage, food and oil stains
- Color-matched to the Davis Concrete Color Selector™
- Semi-Transparent color tint
- Blends-In minor surface discolorations
- Rejuvenates the appearance of old colored concrete
- Water-base formula, easy clean-up
- Spray or roller applied - No buffing needed
- Low gloss, non yellowing, non-clouding and wear resistant
- Exterior or interior use
- Non-flammable & environmentally safe (Maximum V.O.C. <100 g/l)
- Conforms to ASTM C309 Standards
- Helps control formation of efflorescence



## PRODUCT DESCRIPTION

Color Seal II is a water-based, membrane forming, acrylic co-polymer sealer, which is spray or roller-applied onto freshly placed colored concrete in exterior or interior applications as a curing compound and sealer. Color Seal II helps hold moisture in the concrete while it cures, reducing cracks and increasing final hardness. This results in a harder, more durable surface that resists cracking and dusting, enhances appearance and protects against water damage and most stains. It is used instead of water curing or plastic curing sheets, which can discolor the concrete surface.

Color Seal II quickly dries to a semi-gloss, non-yellowing and durable barrier against moisture, oil and most stains. Color Seal II is pre-tinted in one of the many different shades available on the Davis Concrete Color Selector™. When applied in a thin coat, it dries to a semi-transparent color shade that enriches the colored concrete surface and harmonizes variations.

## USES

*New Colored Concrete:* Applied as a curing compound to prevent rapid evaporation and promote proper concrete hydration for strength and hardness. When applied in very thin coat, also used to hide minor surface discoloration. Second and third coats are used to completely hide or paint over the concrete. Uses: interior and exterior decorative concrete paving such as floors, driveways, patios, walkways, sidewalks and cart paths.

*Hardened colored concrete:* Color Seal II is applied in light coats over existing colored concrete to renew the color appearance and seal and protect against moisture damage and most stains.

## LIMITATION

Color Seal II is not a stain and cannot color uncolored concrete. When used to “paint over” stains or discoloration, it is applied too thick and can appear glossy, unnatural or be susceptible to tire marks. Color Seal II is not suitable for concrete subject to chemical or acid exposure, heavy wear, steel wheel or fork lift traffic, warehouse floors, subgrade water, hydrostatic pressure or continuous water submersion. Do not use on surfaces which will later receive concrete overlays, toppings, coatings, joint sealants or on areas of poor drainage or as a membrane barrier against hydrostatic water pressure. Color Seal II cannot hide or fix dark or blotchy areas in concrete flatwork caused by over-troweling or entrapped moisture. Final sealer color is matched to the Davis Concrete Color Selector™ color card. Variations in cement, water content and finishing methods may cause color of concrete to differ from color of this sealer. Do not use on exposed aggregate finishes

## SURFACE PREPARATION

*Fresh Colored Concrete:* apply after all bleed water and surface sheen has evaporated, finishing has been completed and concrete has achieved an initial set.

*Hardened Colored Concrete:* Clean surface of oil, grease, dust, dirt or foreign matter. Rinse with water.

*Old, Dusty Colored Concrete:* Clean surface of oil, grease, dust, dirt or foreign matter. Remove dusty surface with light duty concrete cleaner or a solution of 1 part Muriatic (Hydrochloric) Acid diluted with 20 parts water. Then rinse completely with water and allow to dry. Completely remove all dust and latent material.

## APPLICATION

- Protect surrounding structures from overspray.
- Choose Color Seal II of the same color as the concrete.
- Stir or shake container vigorously for one minute before opening. Use straight from container – do not dilute. Note: color of liquid will appear lighter than final shade when dry.
- Apply when ambient and surface temperature is above 45°F (7°C) and expected to remain above 45°F (7°C) for at least 12 hours.
- Apply to surfaces that are dry or damp but not wet.
- Apply with new or clean airless or pump sprayer that is free from any resin, oil or solvent residue.
- Apply sparingly with sprayer on lightest mist setting for maximum atomization of spray. Garden or construction pump canister sprayers do NOT atomize spray adequately. Use sprayers designed for application of wood finishes or form release agents with the smallest available flat-fan spray tip (0.10 to 0.30 GPM). A powered airless sprayer produces the best spray pattern.
- Apply a uniform thin coat, otherwise finished surface may appear “painted”.
- Apply lightly over sloped surfaces or impressions to prevent runs, puddles and streaks.
- Do not allow sprayer to spit or spray droplets. Unclog nozzle and repressurize before continuing.

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- Apply a uniform thin coat, otherwise finished surface may appear “painted”.
- Apply lightly over sloped surfaces or impressions to prevent runs, puddles and streaks.
- Do not allow sprayer to spit or spray droplets. Unclog nozzle and repressurize before continuing.
- If clogging continues, empty sprayer back into product container. Clean sprayer and spray tip with hot water.
- Pour sealer through fine strainer or cheesecloth when refilling sprayer.
- Color Seal <sup>II</sup> darkens as it dries. Wait 30 minutes drying time before deciding if a second coat is necessary.
- A short knap paint roller can be used, but care must be taken to avoid over-application.

Roll thoroughly to avoid applying too thick. (A foam roller works better than cloth or fiber rollers). A roller may leave streaks and overlap marks and may result in a “painted” appearance. For best results, use a powered airless sprayer.

### APPLICATION TIPS

- Test apply to small area. Let dry and approve finish before starting project.
- Do not try to cover-up concrete with this product. Over-application will result in a thick coat that can appear too glossy and could remain “tacky” up to 4 weeks or when heated by sunlight. Thick coats show tire tracks and “print” damage more than thin coats.
- Puddles or drips should be wiped up before they dry.
- Do not apply if rain, dew or water exposure is expected within 24 hours after application. Turn off automatic sprinklers. Early moisture contact can cause permanent whitening or discoloration.
- Do not apply in dusty conditions. Dust and dirt will adhere to sealer when wet and become locked into it as it dries.
- Color Seal <sup>II</sup> will not adhere properly to waxy, painted or otherwise sealed surfaces. Other curing agents or waxes must be stripped completely before attempting to apply Color Seal <sup>II</sup>.
- Do not overlay with plastic sheet or construction paper until sealer is fully cured and concrete is dry (7-10 days on new concrete. 1-2 days on old concrete).
- Close container after each use.

### DILUTING/THINNING

Clean water may be stirred into Color Seal <sup>II</sup> to make it more transparent when dry. Gradually add water and test apply until sealer dries to desired transparency. When thinned, Color Seal <sup>II</sup> may not be an effective sealer and will not form an adequate curing membrane on fresh colored concrete. Thinning voids specifications and warranty.

### COVERAGE RATES

| Use (Unthinned)                                      | Square Feet/Gallon |
|--|--------------------|
| <b>Curing Compound on New Colored Concrete:</b>      |                    |
| First Coat   | 200-300            |
| Second Coat  | 350-450            |
| <b>Seal &amp; Restore Hardened Colored Concrete:</b> |                    |
| First Coat   | 300-400            |
| Second Coat  | 400-500            |

### DRY TIME

Color Seal <sup>II</sup> will form a “skin” in 30 minutes and harden in approximately 4 hours. Allow 24 hours to dry completely. Weather and concrete conditions can slow down or speed-up dry time up to 8 hours. Drying takes longest time when applied as a curing compound on fresh concrete. If a second coat is desired, allow the first coat to dry before application of second coat. Make certain the sealer is hard before resuming floor traffic. Allow 7 days dry-time before opening driveway to automobiles.

### CLEAN-UP

Use warm water and soap promptly after application, before sealer is allowed to dry. Rinse equipment of any cleaning agent or soap residue before next use.

### INGREDIENTS

Proprietary emulsion of modified acrylic co-polymer, water, long alcohol, surfactant and pigment.

### PACKAGING

2 gallon plastic jug (1 per carton). Shipping weight including carton is 18 pounds each. Full pallet shipment is 48 cartons (48 gallons).

### TECHNICAL DATA

Surpasses ASTM C309 requirements  
 Surpasses California AQMD rule 1113 requirements  
 V.O.C. Content: 60 g/l.  
 Solids Content: 22%  
 Viscosity (Centipoise): 3 @ 68°F (20°C)  
 Freezing Point: 32° (0°C)  
 Flash Point: Non-Flammable  
 Weight/Gallon: 8.7 lbs.  
 % Volatile: 78%  
 Shelf Life: 1 year

### APPEARANCE

Milky colored when liquid. Lighter color when first applied, then dries darker to semi-gloss and semi-transparent finish. Will not yellow or cloud.

### MAINTENANCE

Clean sealed surfaces with soap and water. Abrasive cleaners, harsh chemicals, acids and some floor strippers can damage the sealer finish. So can abrasion from tires, pedestrian traffic or scuffs and scratches. Color Seal <sup>II</sup> finish lasts 1 to 2 years depending upon surface it is applied to, sun exposure and wear. Reapply to damaged or worn areas. Use a trigger-spray bottle or paintbrush for touch-ups.

### STORAGE

Store away from heat sources. Do not allow to freeze as this will damage sealer. Close container after each use.

### DISPOSAL

Store excess sealer for touch ups. Do not pour down household or storm drain. Take unwanted sealer to household hazmat round-up, authorized disposal site or donate to civic or graffiti clean-up services.

### WARNING

DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN. WHEN WET, SEALED SURFACES WILL BE MORE SLIPPERY THAN UNSEALED SURFACES. NOT RECOMMENDED FOR ROADWAYS, POOL DECKS, KITCHEN FLOORS OR SMOOTH, WET PEDESTRIAN AREAS.

### LIMITED WARRANTY

Davis Colors warrants the original purchaser of this product against defects in materials for a period of 12 months from date of purchase. Since you are in control of the application, process and conditions of use of this product, you have an obligation to test it to determine its suitability for your project. Despite this, if liability should be established for any damage, purchaser's sole remedy shall be refund of product purchase price from point of purchase or replacement for the amount of sealer found defective at our option. Notice of any claim of defect must be given in writing. THIS IS THE ENTIRE WARRANTY AND NO OTHER WARRANTY, WHETHER WRITTEN OR ORAL IS EXPRESSED OR IMPLIED. DAVIS COLORS SPECIFICALLY DISCLAIMS THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE REMEDIES PROVIDED HEREIN ARE BUYER'S SOLE AND EXCLUSIVE REMEDIES. IN NO EVENT SHALL DAVIS COLORS BE LIABLE FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING LOSS OF PROFIT OR LABOR COSTS) WHETHER BASED ON CONTRACT, TORT OR ANY OTHER LEGAL DOCTRINE.

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