



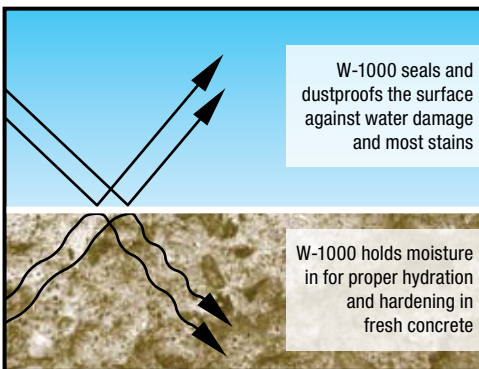
# CONCRETE

## W-1000 CLEAR W-1000

# CURE & SEALER

### SPECIAL FEATURES

- Cures, seals, hardens and dustproofs freshly poured concrete
- Helps it harden and makes the surface non-dusting
- Cures and seals decorative and colored concrete
- Seals and dustproofs hardened concrete, masonry, stone, mortar, brick and stucco
- Protects against water damage, food and oil stains
- Preserves natural look – Not “wet look”
- Water-base formula, easy clean-up
- Spray or roller applied - No buffing needed
- Low gloss, non yellowing, non-clouding and wear resistant
- Formulated for 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
- Pre-treats surfaces for less paint soak-through



### PRODUCT DESCRIPTION

W-1000 is a water-based, membrane forming acrylic co-polymer sealer, which is spray or roller-applied onto freshly placed decorative and colored concrete in exterior or interior applications as a curing compound and sealer. W-1000 Clear Cure and Seal™ 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.

W-1000 quickly dries to a semi-gloss, non-yellowing and durable barrier against moisture, oil and most stains. W-1000 is a milky white liquid that sprays on with a slight blue tint and dries totally clear on any horizontal concrete surface. Its non-clouding formula makes it especially suitable for use on decorative, architectural, sand blasted or exposed aggregate concrete, both colored and uncolored. W-1000 has excellent sealing characteristics that can also be used to seal masonry, concrete roof tile, natural and manufactured stone, mortar, brick or stucco.

W-1000 helps control cracking and the development of efflorescence. When dry, W-1000 leaves a clear, nearly invisible, semi-gloss finish that is long-lasting, durable and protects against dusting, water damage and many types of stains. W-1000 is also used to pre-treat masonry and other surfaces to provide a sealed surface for less paint soak-through.

### USES

**New concrete:** Applied as a curing compound to prevent rapid evaporation and promote proper concrete hydration for strength and hardness.

**Uses:** interior and exterior decorative concrete paving such as floors, driveways, patios, walkways, sidewalks and cart paths.

**Hardened surfaces:** W-1000 Clear Cure and Seal™ is applied in light coats over existing concrete, masonry, paver or brick surfaces to seal and protect against moisture damage and most stains.

### LIMITATION

W-1000 Clear Cure and Seal™ 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. W-1000 cannot hide or fix dark or blotchy areas in concrete flatwork caused by over-troweling or entrapped moisture.

### SURFACE PREPARATION

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

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

**Old, Dusty 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.
- Stir or shake container before opening. Use straight from container – do not dilute.
- 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.
- Apply lightly over sloped surfaces or impressions to prevent runs, puddles and streaks. Apply extra-light on vertical surfaces.
- 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.
- 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).
- Appears milky-white immediately after application and dries clear.

## APPLICATION TIPS

- Test apply to small area. Let dry and approve finish before starting project.
- Do not try to soak 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.
- W-1000 Clear Cure and Seal™ will not adhere properly to waxy, painted or otherwise sealed surfaces. Other curing agents or waxes must be stripped completely before attempting to apply W-1000.
- 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

W-1000 should not be diluted or thinned with water. When thinned, W-1000 Clear Cure and Seal™ may form an incomplete seal and will not create an adequate curing membrane on fresh colored concrete. Thinning voids specifications and warranty.

## DRY TIME

W-1000 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.

## COVERAGE RATES

Use (Unthinned)	Square Feet/Gallon
<b>As Curing Compound:</b>	
First Coat	200-300
Second Coat	350-450
<b>As Sealer:</b>	
First Coat	300-400
Second Coat	400-500

## 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.

## PACKAGING

2.5 gallon plastic jug (2 per carton). Shipping weight is 48 pounds per carton. Full pallet shipment is 45 cartons (225 gallons). Also available in 55 gallon drums.

## TECHNICAL DATA

Surpasses ASTM C309 requirements  
Surpasses California AQMD rule 1113 requirements  
V.O.C. Content: 60 g/l.  
Solids Content: 17%  
Viscosity (Centipoise): 3 @ 68°F (20°C)  
Freezing Point: 32° (0°C)  
Flash Point: Non-Flammable  
Weight/Gallon: 8.4 lbs.  
% Volatile: 83%  
Shelf Life: 1 year

## APPEARANCE

Milky colored when liquid. Slight blue-tint when first applied, then dries to semi-gloss and 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. Sealer 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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## HEADQUARTERS

EAST  
7101 Muirkirk  
Beltsville, MD 20705  
Toll-Free: 800-638-4444  
In MD: (301) 210-3400  
FAX: (301) 210-4967

WEST  
3700 Olympic Blvd.  
Los Angeles, CA 90023  
Toll-Free: 800-356-4848  
In CA: (323) 269-7311  
FAX: (323) 269-1053

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