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Product Data

Clear Cure & Seal W1000

Curing Compound & Sealer for Decorative Concrete

DESCRIPTION

W1000 Clear Cure and Seal is a water-base clear acrylic curing and sealing compound that is spray or roller applied to freshly placed concrete in exterior applications. W1000 helps hold moisture in concrete while it's curing. This promotes a harder, more durable concrete surface that resists cracking and dusting, enhances appearance and protects against most stains. W1000 is also an excellent sealer on existing concrete, colored & uncolored and exposed aggregate finishes.

- Great on Decorative & Colored Concrete.
- Protects Against Water Damage & Oil Stains
- Cures, Seals & Dustproofs Fresh Concrete
- Seals Concrete, Masonry, Stone & Brick.
- Low Gloss, Non-Yellowing & Non-Clouding
- Preserves Natural Look – Not "Wet Look"
- Non-Flammable & Environmentally Friendly
- Conforms to ASTM C309 Standards
- Formulated for Exterior Use
- Helps Control Formation of Efflorescence

SURFACE PREPARATION:

- Clean surface of oil, grease, dirt, paint or foreign matter.
- Old dusty concrete- Etch surface with concrete cleaner or a solution of 1 part Muriatic (Hydrochloric) Acid diluted with 20 parts water. Remove all dust and latent material. Rinse completely with water and allow to dry.

APPLICATION:

- Stir or shake before opening.
- Use straight from container- do not dilute.
- Protect surrounding areas from overspray.
- Apply when ambient temperature is above 45°F (7°C) and expected to be above for at least 12 hours.
- Apply to surfaces that are dry or damp but not wet.
- Use a new or clean airless or pump sprayer free from any resin, oil or solvent residue. A short-knap paint roller can be used but care must be taken to avoid overapplication.
- Apply a uniform, thin coat.
- Apply lightly over sloped surfaces or impressions to prevent runs, puddles and streaks; extra-light on horizontal surfaces.
- Appears milky-white after application and dries clear.

- On freshly placed concrete: Apply after all bleed water and surface sheen has evaporated, finishing has been completed and concrete has achieved an initial set.

DO'S and DON'TS:

- Test on small area and let dry. Approve results before starting project.
- Do not try to soak concrete with this product. Overapplication will result in a thick coat that can be too glossy and could remain "tacky" when heated by sunlight. Thick coats also show tire tracks and "prints" more than thin coats.
- Puddles or drips should be wiped up before they dry.
- Use a powered sprayer with flat-fan tip (0.1 to 0.3 gal/min) for best results. Use a fine mist spray, do not allow sprayer to spit or spray droplets. If pump sprayer is used, must be designed for wood finish or form release agent. Ordinary garden-type or curing compound sprayer not recommended.
- If sprayer is clogging, pour W1000 back into jug, clean sprayer and tip with hot water, Pour sealer through cloth or strainer when filling.
- Do not apply if rain, dew or fog exposure is expected within 24 hours after application. Turn off automatic sprinklers. Early moisture contact can cause permanent discoloration or damage.
- Do not apply in dusty conditions. Dust and dirt will adhere to sealer when wet and be locked into it as it dries.
- W-1000 will not adhere properly to waxy, painted or otherwise sealed surfaces. Other curing agents or waxes must be removed completely before application.
- Do not overlay with plastic sheet or construction paper until fully cured and concrete is dry (7 to 10 days for new concrete. 1 to 2 days for old concrete)

COVERAGE:

Apply as Curing Compound: (First Coat) 200-300 square feet/gallon (Second Coat) 350-450 square feet/gallon. Apply as Sealer: (First Coat) 300-400 square feet/gallon (Second Coat) 400-500 square feet/gallon. Two light coats are better than one heavy coat.

V.O.C. content 223 gram/liter
Solids content: 17%
Freezing Point: 32°F(0°C)
Flash Point: Non-Flammable
Wt./Gal: 8.4 Lbs.
Shelf Life: 1 year
Surpasses California AQMD requirements

DRY TIME:

W-1000 will skin-over in 30 minutes and harden in approximately 4 hours. Drying takes longer when applied as a curing compound on freshly placed concrete. Allow 24 hours to dry completely. Weather and concrete conditions can retard or advance dry time from 1 to 8 hours. If a second coat is desired, allow the first coat to dry before application. Make certain the sealer is hard before resuming floor traffic. Allow 7 days before resuming automobile parking

CLEAN UP:

Warm water and Soap soon after application, before sealer dries. Rinse equipment of any cleaning agent or soap residue.

DISPOSAL:

Store excess sealer for touch-ups. Do not pour waste down household or storm drain. Take unwanted sealer to household hazmat round-up or authorized disposal site.

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. Use a trigger-spray bottle or paint brush for touch ups. Seal lasts 1 to 2 years depending upon sun exposure and wear. Reapply to damaged or worn areas.

LIMITATIONS:

W-1000 is formulated for low-gloss outdoor surfaces. It is not suitable for concrete subject to chemical or acid exposure, heavy wear, warehouse floors, hydrostatic pressure, subgrade water or continuous water submersion. Not recommended for pool decks. W-1000 does not darken or lighten concrete and cannot hide or repair discolored surfaces.

COMPOSITION:

Modified acrylic co-polymer, water, long alcohol, surfactant.

PROTECT FROM FREEZING. STORE AWAY FROM HEAT. CLOSE CONTAINER AFTER EACH USE.

CAUTION:

DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN. SEALED SURFACES ARE MORE SLIPPERY WHEN WET THAN UNSEALED SURFACES.

Available in: 2.5 gal. jug (2/ctn) & 55 gal. drum

Limited Warranty: Davis Colors warrants the original purchaser of this product against defects in materials for a period of 6 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 the intended use. 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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