



CONSTRUCTION IDEAS AT WORK

JS Crystal Clear Cure & Seal

Premium Non-Yellowing
Curing and Sealing Compound

jobsitesupply.com 800.874.7415

DESCRIPTION

JS Crystal Clear Cure & Seal is a premium concrete curing and sealing compound. It is designed for decorative concrete or gray concrete where surface appearance is critical. It is formulated to have unique bubble resistant qualities in high temperature applications. JS Crystal Clear Cure & Seal is non-yellowing and creates a glossy finish that remains clear throughout its service life.

USES

- Cure or seal decorative concrete where superior curing efficiency, non-yellowing, and bubble resistance is required.
- Seal, harden, and dustproof existing concrete, particularly architectural or residential concrete exposed to freeze-thaw or UV.
- Enhance color and provide uniform appearance of dry shake hardened floors and stamped concrete.

ADVANTAGES

- Maximum resistance to bubble formation in high temperatures.
- Protects concrete surfaces against deicing chemicals, fertilizers, salts, grease, oil, alkalis, mild acids and detergents.
- Minimizes spalling due to freeze-thaw cycle exposure, hairline cracks, dusting and other common defects which result from improperly cured concrete.
- Seals out most construction dirt and stains, and prevents mortar, plaster and concrete droppings from bonding to concrete surfaces.
- Increased penetration and adhesion

TECHNICAL DATA

- ASTM C309, Type 1, Class A & B, (upon request 1D & 2) *Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete*
- AASHTO M-148, Type 1 & 1D, Class A & B (upon request 1D & 2)
- Complies with National V.O.C. Emission Standards for Architectural Coatings, Federal EPA Regulation 40 CFR Part 59 and lower VOC regulations @ < 350g/L

- USDA approved when cured for incidental food contact

Estimating Guide		
coverage rates vary based on concrete porosity		
Condition	ft ² /gallon	m ² /liter
Curing	300 to 400	7 to 10
Sealing/dustproof	300 to 400	7 to 10
Optional 2nd coat	400 to 500	7 to 15

Physical Properties	
VOC content	< 350 grams/liter
Flash Point closed cup	1°F (-17°C)
ASTM C 156 Moisture retention	0.042 g/cm ²
CRD-52-50 Abrasion Test	21.77 gram wt loss

Packaging: JS Crystal Clear Cure & Seal is available in 5 gallon pails packaged 36 per pallet and 55 gallon drums packaged 4 per pallet.

Drying Time @ 70°F (21°C) with 50% R.H.	
Dry to _ condition	Hours
To touch	0.5
For Light foot traffic	8
For heavy traffic	12
Maximum	168 (7 days)

DIRECTIONS

Mixing: Do not dilute. **JS Crystal Clear Cure & Seal** is packaged ready to use.

Application: **JS Crystal Clear Cure & Seal** may be applied with sprayer or roller. (maintain a film < 5 wet mils per coat in joints and depressions, this will produce 1 dry mil film thickness.)

Spray Application*: For best results, apply **JS Crystal Clear Cure & Seal** with a low pressure, solvent resistant, airless, sprayer equipped with a fan nozzle orifice of 0.020 to 0.035" at 0.5 to 1 gpm. The optimum spray pattern is an 8" to 12" fan. Hold sprayer tip 8" to 12" from the surface of the concrete. Apply uniformly leaving no pinholes or gaps. Do not allow the material to puddle. Back-roll if needed to maintain even coverage.
TWO THIN COATS ARE RECOMMENDED.

Roller Application*: Use a short nap solvent resistant roller cover. Clean the cover, as needed, in a solvent such as xylene or **JS Solvent**. Do not over apply.
TWO THIN COATS ARE RECOMMENDED.

Curing*: Apply **JS Crystal Clear Cure & Seal** after all bleed water has dissipated and application will not mar the surface. The optional second coat is applied at right angles to first coat enhancing moisture retention while providing additional protection from deicing chemicals, oils and greases.

Formed Concrete Walls: If walls are not to receive further treatment, apply immediately after stripping forms or following rubbing operations at 450 ft²/gal (11m²L).

PREPARATION OF EXISTING SURFACES:

Older Concrete: Clean thoroughly with high pressure water removing any dirt, dust, paint, oil, grease, or other contaminants that may prevent adhesion of **JS Crystal Clear Cure & Seal**. Let concrete dry before application.

Maintenance: Surfaces previously sealed with **JS Crystal Clear Cure & Seal** should be cleaned and resealed every 2 to 3 years, depending on exposure and traffic.

CLEANUP

Clean tools immediately after use with **JS Solvent™** or xylene.

STORAGE

Store tightly sealed containers in a cool dry area away from

LIMITATIONS

- **JS Crystal Clear Cure & Seal** should not be used on surfaces to receive concrete overlays or toppings. Always test for compatibility and adhesion.
- Do not use as a bond breaker for tilt wall construction or on surfaces requiring rubbing.
- Do not apply to floors subjected to spills of gasoline or other strong organic solvents such as xylene, toluene, or lacquer thinner. Solvent, gasoline, hydraulic fluids, peanut oil, and cooking oils must be cleaned quickly to prevent softening of the membrane
- Do not apply in the presence of foodstuffs. USDA approval pertains to fully cured **JS Crystal Clear Cure & Seal VOC**.
- Do not apply **JS Crystal Clear Cure & Seal** to joints or channels scheduled to receive elastomeric caulks.
- **Tinted JS Crystal Clear Cure & Seal** can be used on steel trowel surfaces only after acid etching.
- For the best results, apply when surface and ambient temperature will be at least 50°F (10°C). Temperatures must remain there for at least 3 days after application. Condition material to 50°F (10°C) before use.
- Over application or applying in cool temperatures may result in the formation of bubbles.
- Quality curing or sealing compounds and floor treatments may darken or highlight the subtle color variations naturally present in concrete. When the difference in shading is objectionable consult Jobsite Supply's Technical Department prior to concrete placement.

CAUTION

- Extremely flammable liquid: Keep away from heat, open flames, and other sources of ignition. Use with adequate ventilation. May cause skin, eye and respiratory tract irritation. Do not take internally.
- **All label precautions and the SDS must be fully understood before using this product.** Ensure that you are using the most recent technical data sheet for instructions. Go to www.jobsitesupply.com for the most up to date information or contact Jobsite Supply's at 800-874-7415 to verify.
- Proper application is the responsibility of the user. **Jobsite Supply** can only make technical recommendations and cannot provide quality control on the jobsite

Keep out of reach of children.

This Product is Formulated and Labeled for Industrial and Commercial Use Only

FOR BEST RESULTS AND SAFEST USAGE, USER IS SPECIFICALLY DIRECTED TO CONSULT THE CURRENT MATERIAL SAFETY DATA SHEET AND PACKAGE LABEL FOR THIS PRODUCT. We warrant our products to meet our published specifications and to be free from defects in materials and workmanship to the acceptable quality levels defined in these specifications. If acceptable quality levels are not specified, the acceptable quality levels will be those normally supplied by us for the product. We make no guarantee of the results to be obtained from the use of our products. The determination as to the adaptability of any of our products to the specific needs of the Buyer is solely Buyer's prerogative and responsibility. We are glad to offer suggestions on the use of our products. Nevertheless, there are no warranties given except such expresses warranties offered in connection with the sales of a particular product. Our liability shall be limited to replacement of, or refund of an amount not to exceed the purchase price attributed to, the goods as to which such claims is made. Our selection of one of these alternatives shall be Buyer's exclusive remedy. IN NO CASE SHALL WE BE LIABLE FOR CONSEQUENTIAL OR SPECIAL DAMAGES, EVEN IF WE HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE FOREGOING WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, GUARANTEES, CO-CONDITIONS AND REPRESENTATIONS, EITHER EXPRESSED OR IMPLIED, WHETHER ARISING UNDER ANY STATUTE, COMMON LAW, USAGE OR TRADE, COURSE OF DEALING OR OTHERWISE, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.