

TECHNICAL DATA SHEET

DESCRIPTION

Clear Cure VOC J7WB is a VOC compliant, water based clear resin dissipating curing compound. Clear Cure VOC J7WB is a true curing membrane meeting ASTM C309. Clear Cure VOC J7WB provides excellent curing properties for newly placed concrete and is easier to remove than most curing membranes from concrete once curing is completed.

USE

Clear Cure VOC J7WB is designed to be used on freshly finished concrete as a membrane forming curing compound for both horizontal/vertical surfaces as well as interior/exterior applications. Clear Cure VOC J7WB will, when properly applied, maintain moisture required for proper hydration of the cement.

FEATURES

- Meets ASTM C309
- VOC compliant in all areas
- May contribute to LEED credits
- Dissipation normally begins within 7-10 days
- Easier removal than most other membrane forming curing compounds
- Does not interfere with adhesion of subsequent surface treatments once removed
- Tested and Certified by WQA to NSF/ANSI/CAN 61
- Tested and compliant per CDPH V1.2



PROPERTIES

Meets: ASTM C-309, AASHTO M148 Type I, Class A & B

Drying time:

Approximately 4 hours at 70°F (21°C), when tested in accordance with ASTM C309. Dry time may be extended in cool and/or humid conditions.

Note:

Not recommended for curing formed applications, maybe difficult to remove due to potential absorption.

voc

Complies with all applicable VOC standards.
VOC < 100 g/L

Estimating Guide

200 ft²/gal. (4.9 M²/L) on exterior broom finished concrete
400 ft²/gal. (9.8 M²/L) on interior concrete or all smooth, tightly finished concrete.

Packaging

PRODUCT CODE	PACKAGE	SIZE	
		Gallons	Liters
143953	Pail	5	18.9
143954	Drum	55	208.2
143955	Tote	275	1041

STORAGE

Store in tightly sealed original factory containers. Prevent water and dirt accumulation from tops of containers. Keep from freezing. Shelf life in unopened containers is 18 months from date of manufacture.

Mixing

Stir thoroughly prior to use. Do not thin.

Placement:

Apply immediately after all surface (bleed) water has disappeared and the surface cannot be marred. Do not delay in applying the curing compound! Spray application is recommended. Small areas may be roller or brush applied. Clear Cure VOC J7WB must be applied uniformly and at the recommended coverage rates. Spray equipment must be capable of atomizing the product into a fine spray mist. Use a fine spray tip and keep equipment under constant even pressure. Apply uniformly without puddling.

For curing vertical or formed applications, pre-dampen the exposed surface with water. The vertical substrate should be uniformly damp without excess water. Apply two light coats. Apply the second coat while the first coat is still wet. Apply even coats avoiding run-downs or streaks.

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Properly applied, Clear Cure VOC J7WB will normally begin to dissipate and wear off within 7-10 days after application. At this time product can be removed with water under pressure, using scrubbing equipment or with Dayton Superior Citrus Cleaner J48. The ease of cleaning or the amount of time required for full dissipation is dependent upon application rate, environmental conditions and the amount of sunlight and traffic wear the surface receives. Clear Cure VOC J7WB will dissipate indoors, however dissipation will be slower indoors than outdoors as UV light will accelerate dissipation.

Failure to uniformly apply the material in the manner described above may result in longer dissipation times and be harder to remove. Failure to apply uniformly may also result in the concrete having a blotchy appearance due to uneven curing.

Dry time may be extended in cool and/or humid conditions, especially on interior applications. Applying too heavy of an application may result in material remaining tacky for an extended period of time.

APPEARANCE

Creamy Tan colored liquid. Dries from clear to white depending on application rate, timing and ambient conditions. May undergo color changes during dissipation. As dissipation occurs dust may be present on the surface. Concrete will be its natural color upon complete dissipation and removal of the Clear Cure VOC J7WB.

CLEAN UP

For tools and equipment use warm soapy water prior to the material drying. After the product dries, use of a Dayton Superior Citrus Cleaner J48 or organic solvent, such as xylene, may be necessary to remove the product.

LIMITATIONS

Clear Cure VOC J7WB was tested per NSF/ANSI 61 after the product was applied, allowed to dissipate, then fully removed. This product is certified to NSF/ANSI 61 standard at a maximum surface area to volume ratio not to exceed 7.5 sq. in./L which corresponds to a tank capacity size of 500 gallons. Product may be used on tank sizes greater than or equal to 500 gallons.

FOR PROFESSIONAL USE ONLY

If surface receiving the curing membrane is to receive subsequent surface treatment or flooring, surface should be checked to ensure complete dissipation has occurred. Any residual membrane should be removed. Always consult with manufacturer of subsequent treatment for any additional surface preparation they may require.

Do not apply at temperature below 40°F (4°C). Cool, damp conditions and/or over-application may extend drying and dissipation time. When moisture-sensitive flooring is to be applied to the concrete treated with this product first refer to ACI 302.2R

PRECAUTIONS

Contact technical services for questions on curing formed applications. If not applied per the directions in the technical data sheet and the recommendations of ACI 308, Clear Cure VOC J7WB may be difficult to remove due to potential absorption.

PRECAUTIONS

READ SDS PRIOR TO USING PRODUCT

- Use with adequate ventilation
- Wear protective clothing, gloves and eye protection (goggles, safety glasses and/or face shield)
- Keep out of the reach of children
- Do not take internally
- In case of ingestion, seek medical help immediately
- May cause skin irritation upon contact, especially prolonged or repeated. If skin contact occurs, wash immediately with soap and water and seek medical help as needed.
- If eye contact occurs, flush immediately with clean water and seek medical help as needed
- Dispose of waste material in accordance with federal, state and local requirements

MANUFACTURER

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TECHNICAL DATA SHEET**WARRANTY**

Dayton Superior Corporation ("Dayton") warrants for 12 months from the date of manufacture or for the duration of the published product shelf life, whichever is less, that at the time of shipment by Dayton, the product is free of manufacturing defects and conforms to Dayton's product properties in force on the date of acceptance by Dayton of the order. Dayton shall only be liable under this warranty if the product has been applied, used, and stored in accordance with Dayton's instructions, especially surface preparation and installation, in force on the date of acceptance by Dayton of the order. The purchaser must examine the product when received and promptly notify Dayton in writing of any non-conformity before the product is used and no later than 30 days after such non-conformity is first discovered. If Dayton, in its sole discretion, determines that the product breached the above warranty, it will, in its sole discretion, replace the non-conforming product, refund the purchase price or issue a credit in the amount of the purchase price. This is the sole and exclusive remedy for breach of this warranty. Only a Dayton officer is authorized to modify this warranty. The information in this data sheet supersedes all other sales information received by the customer during the sales process. THE FOREGOING WARRANTY SHALL BE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND ALL OTHER WARRANTIES OTHERWISE ARISING BY OPERATION OF LAW, COURSE OF DEALING, CUSTOM, TRADE OR OTHERWISE.

Dayton shall not be liable in contract or in tort (including, without limitation, negligence, strict liability or otherwise) for loss of sales, revenues or profits; cost of capital or funds; business interruption or cost of downtime, loss of use, damage to or loss of use of other property (real or personal); failure to realize expected savings; frustration of economic or business expectations; claims by third parties (other than for bodily injury), or economic losses of any kind; or for any special, incidental, indirect, consequential, punitive or exemplary damages arising in any way out of the performance of, or failure to perform, its obligations under any contract for sale of product, even if Dayton could foresee or has been advised of the possibility of such damages. The Parties expressly agree that these limitations on damages are allocations of risk constituting, in part, the consideration for this contract, and also that such limitations shall survive the determination of any court of competent jurisdiction that any remedy provided in these terms or available at law fails of its essential purpose.