

TECHNICAL DATA SHEET

DESCRIPTION

A high solids, white pigmented, water-based wax concrete curing compound formulated to retain moisture in freshly finished concrete. The selected white pigments reflect the heat of the sun, keeping the concrete surface cooler. White Wax Cure CRD300 is a membrane forming wax based material that seals in the necessary moisture for proper cement hydration.

USE

Specially designed for use on exterior commercial projects, such as highways, airport runways, concrete lined canals, dams, parking lots, engineering projects and as specified.

FEATURES

- Reduces shrinkage; retains moisture to reduce "plastic shrinkage cracks"
- Enhances performance; increases the compressive strength over improperly cured concrete and adds a quality appearance
- Easy to spray
- V.O.C. compliant
- High reflectivity
- Increases wear resistance

PROPERTIES

ASTM C-309, Type 2, Class A

AASHTO-M-148, Type 2, Class A

Meets CRD C-300 requirement on moisture loss:
 <0.31 kg/m²

Test Results

White Wax Cure CRD300	
Drying time Dry to touch in not more than 4 hr. CRD-C 311	PASS
Flash point Not less than 75 F	PASS
Reflectance Infrared, not less than 65%.	PASS
Sprayability At temperatures above 40 F. CRD-C 302	PASS

Drying time:

Approximately 2 hrs. at 70° F (21°C)

VOC

Less than 100 g/L. Compliant with all Canadian and U.S. VOC regulations for Concrete Curing Compounds including Federal EPA, OTC, LADCO, SCAQMD & CARB.

Estimating Guide

Coverage: 200 sq. ft. per gal. (4.9 sq. M/L)

Packaging

PRODUCT CODE	PACKAGE	SIZE	
		Gallons	Liters
306537	Pail	5	18.93
306538	Drum	55	208.20
306539	Tote	275	1040.99

STORAGE

White Wax Cure CRD300 should be stored in tightly sealed original factory containers. Store in a horizontal position to prevent moisture accumulation on the drum head.

Avoid prolonged exposure to sunlight and/or constant heat in excess of 100°F (37.8°C). Do not allow to freeze. Shelf life of properly stored, unopened containers is 12 months.

Mixing:

The White Wax Cure CRD300 should be thoroughly stirred prior to each days use. Do not thin. Do not use high speed mixing equipment.

Placement:

Application equipment must be clean and free of foreign materials. Apply with brush, roller or sprayer. For best results, a spray application is the preferred method. All application equipment and tools should be thoroughly cleaned prior to use to avoid contamination. Application temperatures above 40°F(4°C) are recommended. Areas that are to be caulked should be masked. Do not pond or puddle. Coverage will vary depending on the texture and porosity of the concrete. Apply at a rate of 200 sq. ft./gal. (4.9 sq. M/L) as soon as the surface moisture from the final trowel has disappeared.

CLEAN UP

Clean tools and equipment with water while wet. After the product dries, Dayton Superior Citrus Cleaner J48 or organic solvents such as xylene may be necessary to remove the product

LIMITATIONS

FOR PROFESSIONAL USE ONLY

Do not allow to freeze.

Do not mix or contaminate with solvent, diesel fuel or other thinning agents.

The White Wax Cure CRD300 should be thoroughly stirred prior to each days use.

Do not over agitate with compressed air or recirculating pump.

Do not apply at temperature below 40°F (4°C).

Cool, damp conditions and/or over application may extend drying and dissipation time.

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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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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.