

TECHNICAL DATA SHEET

DESCRIPTION

Cure & Seal 25% J20LVOC is a low-VOC, acrylic copolymer cure, seal and dustproofing compound in an aromatic exempt-solvent containing 25% solids. It is designed for ease of application and better atomization when spraying in a wide temperature range from 40°F to 90°F (4°C to 32°C). Cure & Seal 25% J20LVOC will be ultraviolet stable and resist yellowing. The higher acrylic solids content will form an excellent surface coating with a high gloss finish that provides an outstanding cure performance.

USE

Cure & Seal 25% J20LVOC provides a combination of curing, sealing and dustproofing for freshly finished exterior concrete surfaces. It meets ASTM C309 & ASTM C1315 specifications as an outstanding curing compound and is an excellent dustproofer and surface sealer.

FEATURES

- Low VOC
- Sprays well in warm and cool temperatures
- U.V. stable, resists yellowing
- Cures (Meets ASTM C309)
- Cure & Seals (Meets ASTM C1315)
- Seals and protects concrete
- Dustproofs

PROPERTIES

ASTM C309, Type 1, Classes A & B

ASTM C1315, Type 1, Class A

AASHTO M148, Type 1, Classes A & B

Drying time:

Approximately 2 hours at 70°F (21°C) for re-coating or light traffic.

Wait 12 hours for heavy traffic.

Dry time is temperature, humidity and wind dependent.

voc

VOC <350 g/L. Compliant with all Canadian and U.S. VOC regulations including Federal EPA, OTC, LADCO, and CARB.

Estimating Guide

Coverage Rates:

1st coat 200 – 400 Ft²/Gallon 4.9 – 9.8 M²/Liter

2nd coat 400 – 600 Ft²/Gallon 9.8 – 14.8 M²/Liter

Texture and absorption rate of the concrete will influence coverage rate.

Packaging

PRODUCT CODE	PACKAGE	SIZE	
		Gallons	Liters
101217	Pail	5	18.9
101218	Drum	55	208.2

STORAGE

The Cure & Seal 25% J20LVOC should be stored in tightly sealed original factory containers. Store in a horizontal position to prevent moisture accumulation on the drum head. Store in a temperature range between 0°F (-18°C) to 110°F (43°C). Shelf life of properly stored, unopened containers is 24 months.

Placement:

Apply Cure & Seal 25% J20LVOC immediately after all surface water has disappeared and the surface cannot be marred. Application of Cure & Seal 25% J20LVOC too early or too late can affect the overall curing performance.

Apply by spray or roller, maintaining a wet edge while applying. When applying by roller, do not roll excessively. Do not roll or brush excessively or when material begins to become tacky. When spray applied, the J20LVOC must be applied by a high quality "low-pressure pump-up type sprayer" such as manufactured by Hudson, Chapin or others, with acetone resistant gaskets and hoses. The tip size must be able to produce a well atomized spray pattern. The sprayer must be kept under sufficient pressure to correctly atomize the J20LVOC without streaming, tailing, or spitting. A 1/2 (0.5) gal. /minute tip is generally recommended for most applications.

Avoid runs, bubbles and puddling. Apply as to form a continuous uniform membrane. If run-downs or puddles occur, remove excess with a brush or roller.

Do not contaminate Cure & Seal 25% J20LVOC with other materials, solvents or water. Do not thin.

CLEAN UP

Clean tools and equipment with Xylol or lacquer thinner while product is still wet. Dried material may be removed with Dayton Superior Green Bean Clean®.

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LIMITATIONS**FOR PROFESSIONAL USE ONLY**

Not intended for application in enclosed or interior spaces.

For applications of a cure and seal in an enclosed structure, Dayton Superior recommends a water based product like the Cure & Seal 309 EF or Cure & Seal 1315 EF

Sprayers and equipment must have suitable type solvent-resistant hoses and gaskets

Do not apply concrete or mortar toppings over sealed surfaces

Remove Cure & Seal 25% J20LVOC with Citrus Cleaner J48 or Green Bean® Clean before applying resinous (epoxy, polyester, urethanes, etc.) coatings

Do not store food containers directly on the floor, always place on pallets

When moisture-sensitive flooring is to be applied to the concrete treated with this product first refer to ACI 302.2R

PRECAUTIONS**READ SDS PRIOR TO USING PRODUCT**

- Keep material and containers away from high heat, open flames, sparks or other sources of ignition
- 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.