



CURE & SEAL 30 EF

EARTH FRIENDLY, BIO-BASED CURING & SEALING COMPOUND

PRODUCT DESCRIPTION

Cure & Seal 30 EF is an Earth Friendly (EF) non-yellowing 30% solids acrylic copolymer curing and sealing compound that contributes to LEED EQ Credit 4.2. This bio-based material uniquely combines high performance with green attributes. EF formula is low odor and contains VOC < 100 g/L, making it VOC compliant in all regions. Cure & Seal 30 EF cures, seals and dustproofs freshly finished concrete surfaces.

USE

Cure & Seal 30 EF is designed to be used on freshly finished concrete as an earth friendly membrane forming curing compound that surpasses the requirements of ASTM C309. Cure & Seal 30 EF can be used on both interior and exterior concrete surfaces. This ultra low VOC curing and sealing compound can be used in all VOC restricted regions throughout the United States.

BENEFITS

- Contributes to LEED EQ Credit 4.2
- Earth Friendly (EF), VOC < 100 g/L
- Combines High Performance with Green Attributes
- VOC Compliant in All Regions
- Bio-Based
- Ultra UV Stable, Non-yellowing
- Attractive Gloss Finish
- Cures/Seals/Dustproofs New Concrete
- Low Odor
- Non-Flammable
- Safe to Use & Store
- Meets ASTM C309

APPLICABLE STANDARDS

ASTM C309, Type 1 Class A & B
AASHTO M-148, Type 1, Class A & B

PROPERTIES, TEST DATA

Solids Content: 30%
Weight/gal. : 8.50 +/- 0.015 lbs./gal.
Moisture Retention: ASTM C156: <0.55 kg/m² 72 hours

VOC

Complies with all applicable VOC standards. Actual VOC = 92 g/L

APPLICATION

Mixing
Stir thoroughly prior to use. Do not thin or dilute.

Placement

Apply Cure & Seal 30 EF immediately after all surface water has disappeared and surface cannot be marred. Application of Cure & Seal 30 EF too early or too late can affect the overall curing performance. Use low pressure spray, roller or brush. Apply uniformly without puddles. Multiple thin coats are preferable over heavy coats. Application of a second coat, after the 1st coat has dried will provide a longer lasting, higher gloss film with improved water retention properties.

Dry Time

Approximately 2-3 hours @ 70°F (21°C) for recoating or light foot traffic. Wait 12 hours for heavy traffic. Dry time is temperature, humidity and wind dependent.

Clean Up

Clean tools and equipment with clean water while product is still wet. Dried material may be removed with Green Bean Clean.

WASTE DISPOSAL

Dispose of waste material and empty packaging in accordance with all Federal, State and Local requirements. Refer to the product's MSDS for further information.

ESTIMATED YIELD

Curing: 200 ft² per gal (4.9 m²/L)
Sealing 1st coat: 200 - 400 ft² per gal (4.9-9.8 m²/L)
Sealing 2nd coat: 400 - 600 ft² per gal (9.8-14.7 m²/L)
Texture and absorption of surface will influence final coverage rates.

Refer to DaytonSuperiorChemical.com for latest Technical Data Sheet and MSDS
4226 Kansas Ave. Kansas City, KS 66106
Phone: (877) 416-3439 • Fax: (913) 279-4806

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CURE & SEAL 30 EF

PACKAGING

ITEM #	Package	Size	
		Gals.	Liter
308669	Pail	5	18.9
308670	Drum	55	208

STORAGE

Keep from Freezing. Shelf life is 1 year from date of manufacture in unopened containers.

COLOR

Milky white liquid, dries clear. Substrate will darken slightly and have a glossy appearance.

LIMITATIONS

Do not apply when ambient or concrete surface temperatures are below 40°F (4°C). Do not apply concrete or mortar toppings, or resinous (epoxy, urethanes, etc) coatings over surfaces sealed with CURE & SEAL 30 EF. CURE & SEAL 30 EF may be removed with Green Bean Clean prior to topping or coating. May show rubber tire marks. Not for use in submerged conditions.

PRECAUTIONS

Use with adequate ventilation. Keep out of the reach of children. Do not take internally. In case of ingestion, CALL A PHYSICIAN immediately. DO NOT induce vomiting.

Can 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. Read MSDS before using product.

MANUFACTURER

Dayton Superior Corporation

4226 Kansas Avenue

Kansas City, KS 66106

Customer Service: 877-416-3439

Technical Services: 877-416-3439

Website: www.daytonsuperiorchemical.com

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.

LIMITATION OF LIABILITY

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.



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