



STARSEAL® EF CURE

ECO FRIENDLY • LOW ODOR • THREE GRADES

DESCRIPTION

Vexcon Chemicals manufactures the **StarSeal EF Cure** series from proprietary hydrocarbon resins produced in-house. StarSeal EF Cure is applied to the freshly placed concrete surface forming a tough, continuous, protective membrane. This film acts as a barrier allowing for low moisture transmission and maximum development of the concrete's strength and wear resistance during the early hardening stage. The protective film will not discolor the concrete and dissipates as exposed to light, other natural elements and traffic.

BENEFITS

- Provides for complete development of concrete's wear resistance and strength properties
- VOC compliant in every state/district
- Low moisture transmission rates
- Quick drying
- Prevents efflorescence, dusting, and spalling
- Available with a factory supplied red fugitive dye to aid in verification of application
- Three grades to choose from
- Manufactured in Vexcon's computer controlled facility to ensure consistent performance

STARSEAL EF

StarSeal EF products are high performance building materials that are dedicated to reducing their environmental foot print by improving the environmental performance of buildings, the air quality of its inhabitants and reducing the effects of volatile organic compounds (VOCs) on the environment.

ECO-FRIENDLY ATTRIBUTES

- Low odor
- Low VOC content
- Safe to use
- Safe to store
- Packaged in recyclable containers

RECOMMENDED FOR

Horizontal interior and exterior concrete where a non-permanent cure, meeting ASTM C-309 Type 1 or 1D, Class A&B and AASHTO M-148 Type 1 is needed.

SHORT SPECIFICATION

03 39 23.13: Low VOC 100% resin based curing compound. VOC content less than 100 grams/liter. Meets or exceeds ASTM C 309, Type 1, Class A & B, AASHTO M-148, Type 1. Manufactured by Vexcon Chemicals.

PRODUCTS/SPECIFICATIONS/COMPLIANCE

- VOC <100gram/liter or 0.83 #/gal (all grades)
- Meets
 - USEPA AIM-Concrete Curing Compounds
 - OTC- Concrete Curing Compounds
 - LADCO/MRPO- Concrete Curing Compound
 - CARB- Concrete Curing Compounds
 - Canada- Concrete Curing Compound
 - SCAQMD - Concrete Curing Compounds
- StarSeal EF Cure 100 economical commercial grade meeting the requirements of ASTM C 309, Type 1 or Type 1D, Class A&B, AASHTO M-148 Type 1 and Federal Aviation Agency.
- StarSeal EF Cure 500 premium performance meeting requirements above and specific state DOT requirements.
- StarSeal EF Cure 1000 meets the requirements of US Army Corps of Engineers CRD C-300 in addition to meeting all the requirements above.

PACKAGING

Available in 55-gallon drums, 5-gallon pails and 275 gallon totes. Our packaging is recyclable Type 2 high density polyethylene (HDPE).

INSTRUCTIONS FOR USE

Before using this product, refer to product use information at EFCC (a) for detailed product application instructions. Contact Vexcon technical service for any product application questions.

PHYSICAL PROPERTIES

Color	Bright Yellow or Pink if with dye
Dry time @ 200 sq. ft/ gallon	2 hours
Water Retention @ 200 sq.ft./gallon:	0.10 kg/m ²
Solvent	Emulsion
Wt/gal (density)	8.4 /gal.

LABORATORY TEST REPORT: BEE LABORATORY

1108-1

Method of test: ASTM C-309, Type 1 and AASHTO M-148, Type 1, liquid membrane forming concrete curing compounds.

RESULTS TEST:	RESULTS	ASTM C-309 REQUIREMENTS	AASHTO M-148 REQUIREMENTS
Dry Time: Touch	2 hours	4 hours max.	4 hours max.
Dry Time: Tack Free	70-min.	12 hours max.	12 hours max.
Moisture Retention: (kg/m ² per 72 hours)	0.10	0.55 max.	0.55 max.

COMMENTS: Material meets ASTM C-309 and AASHTO M-148 specifications for type #1 liquid membrane forming compounds for curing concrete.

CONTACT US @

Additional product information, technical assistance and customer Service is available by contacting Vexcon Chemicals directly, or our distributors.

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