

Illinois Department of Transportation
 Bureau of Materials and Physical Research
APPROVED LIST OF CONCRETE SEALERS
June 28, 2013

Standard Specifications for Road and Bridge Construction, Section 1026 (Adopted January 1, 2012)

Note: Prior to application of the included materials, the technical representative should be contacted for specific application instructions. These products are not approved for use as curing compounds. For information on curing compounds, contact the Concrete Lab Supervisor at 217-782-0117.

Application rates above 9.80 m²/L (400 ft²/gal) will not be tested or allowed.

For information regarding new product submittal, click the "New Submittal" bookmark to the left.

WATER BASED CONCRETE SEALERS
Material Code 42725

SOURCE	PRODUCT	SURFACE CONDITION AT APPLICATION	* MAXIMUM APPLICATION RATE, m ² / L (ft ² / gal.)	APPLICATION TEMPERATURE RANGE (°F)	CONCRETE AGE BEFORE SEALER APPLICATION
▼ Product Specific Note: Quart container application is prohibited; backpack container application is required. Mixing ratio requirement for backpack container application is 6:1 (water: concentrate).					
BASF Corporation	Enviroseal 20 (P)(1)	dry, clean, and no membrane curing compound	1 Application: 4.30 (175)	40 and rising	28 days
BASF Corporation	Enviroseal 40 (P)(1)	dry, clean, and no membrane curing compound	1 Application: 4.90 (200)	40-110	28 days
ChemTec International	ChemTec One (P)(4)	dry, clean, and no membrane curing compound	2 Applications: 2.45 (100) each	38-110	15 days minimum
Evercrete Corporation	Deep Penetrating Sealer (DPS) (P)(4)	clean of mortar, concrete, dirt, and oil	2 Applications: 4.40 (180) each	35 and rising	28 day minimum

Concrete Sealers
Submittal for Testing and Approval

Effective: July 27,
2007

Revised: October 3,
2008

A. Scope

The following guidelines are provided to clarify the submittal requirements and expedite the testing process for approving concrete sealer according to Section 1026 of the Standard Specifications for Road and Bridge Construction¹.

B. Procedure

When submitting a concrete sealer to the Department, the following shall be included:

- The specific product brand name,
- Material Safety Data Sheet,
- Technical Data Sheet,
- An IR scan marked with the date the scan was performed, manufacturer's name, and product name,
- A signed letter stating the subject material will not be changed without written notification to the Department,
- Contact person's name, title, address, email address, and phone number, and
- Acknowledgement by Company (see next page).

The manufacturer shall submit one "as-sold" package or 1 liter (1 quart) sample of the subject material intended for use on Department projects.

The sample and submittal information shall be sent to:

Melinda Winkelman
Illinois Department of Transportation
Bureau of Materials & Physical
Research 126 East Ash Street
Springfield, IL 62704-4766

Any sample provided without the required information listed will not be tested. Any changes in the formulation outside the manufacturer's original parameters will necessitate a new sample submittal.

The manufacturer will be notified when the sample testing is complete. For questions regarding the testing and approval process, contact Melinda Winkelman at 217-782-0117.

C. Recertification

Annual recertification of all concrete sealers is required. During the last quarter of the calendar year, a recertification letter will be sent to the manufacturer. The recertification paperwork is due January of the following year. For example, the recertification letter is mailed late November 2005 and due by mid January 2006.

Effective: July 27, 2007
Revised: October 3, 2008