

CONCRETE SEALER

SMT-250

REVISED 02/03/05

PRODUCT DESCRIPTION & BENEFITS

SealMaster Concrete Sealer is a 100% acrylic, clear drying emulsion sealer designed for protecting all types of concrete surfaces.

Product features and benefits include:

- Meets ASTM C309 Type I Class A
- Beautifies concrete
- Protects against moisture, penetration, and water damage
- Protects against surface scalling and spalling
- Dust proofs concrete surfaces
- Provides stain and chemical resistance
- Excellent resistance to water blushing (whitening), when exposed to rain or moisture.
- Environmentally friendly, VOC compliant
- Outstanding wearability
- Non-yellowing formula

USES

Concrete sealer is ideal for protecting driveways, parking lots, patios, sidewalks, statuary, concrete walls, factory floors, garage floors, and basement floors.

COMPOSITION

SealMaster Concrete Sealer is comprised of 100% acrylic emulsion resins, specialty surfactants, and water.

SIZES

Concrete Sealer is available in 55-gallon drums, and 5-gallon pails.

COLOR

Dries Clear.

LIMITATIONS

Concrete Sealer shall not be applied when temperature is expected to drop below 50°F at any time within a 24 hour period after application.

ENVIRONMENTAL CONSIDERATIONS

SealMaster Concrete Sealer is an environmentally friendly water based acrylic sealer containing less than 100 grams per liter Volatile Organic Content (VOC).

PHYSICAL/CHEMICAL PROPERTIES:

SealMaster Concrete Sealer meets the following material requirements when tested in accordance with ASTM C309 Type I Class A, ASTM D658-44, ASTM D1644, ASTM D4758, ASTM D2939, and ASTM D3960. (see chart on right)

Chemical & Physical Analysis	
Specific Gravity	1.01
Film Clarity	Clear
Volatile Organic Content (VOC)	<100 g/l
Abrasion Resistance	225 - 350 g/mil
Non Volatiles (Solids) %	18%
Ash Non Volatiles %	.10 - .12%
Tack-Free Time (Zapon) at 25°C	<40 min.
Cured Film Tack (Zapon) at 50°C	Tack-Free
Chemical Resistance	
Motor Oil	Excellent
DI Water	Excellent
10% Sodium Hydroxide	Excellent
10% Sodium Chloride	Excellent
10% Calcium Chloride	Excellent
3% Trisodium Phosphate	Excellent
10% Ammonia	Excellent
Water Blushing Resistance	
6 months	Clear when wet with no visual defects

INSTALLATION

New concrete must be firm enough to walk on with no surface water present prior to application. Concrete surface must be cleaned entirely of dust, debris, and stains prior to application.

METHODS

Recommended application is by spray (power type or garden sprayer). A roller, brush, or lambs wool applicator may also be used.

MIXING PROCEDURES

SealMaster Concrete Sealer is ready to use. Do not dilute. Stir thoroughly.

APPLICATION

Apply Concrete Sealer in a thin even coat. Avoid puddling. A one coat application is recommended.

APPLICATION RATE

Apply SealMaster Concrete Sealer at a rate of 200 square feet per gallon.

NOTE: Application rate may vary due to concrete age and porosity.

ESTIMATING MATERIAL REQUIREMENTS

Typically, one gallon of Concrete Sealer will cover 200 square feet per gallon.

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PRECAUTIONS

Both surface and ambient temperature shall be a minimum of 50°F. Do not apply when temperature is expected to drop below 50°F within a 24 hour period following application. Keep Out Of Reach Of Children. Do not store unopened drums or pails in freezing temperatures.

PACKAGING AND AVAILABILITY

SealMaster Concrete Sealer is supported by a nationwide network of SealMaster manufacturing facilities along with a nationwide network of qualified applicators.

WARRANTY AND DISCLAIMER

The statements made on this technical data sheet are believed to be true and accurate and are intended to provide a guide for approved application practices. As workmanship, weather, construction, condition of pavement, tools utilized, and other variables affecting results are all beyond our control, the manufacturer warrants only that the material conforms to product specifications and any liability to the buyer or user of this product is limited to the replacement value of the product only. The manufacturer expressly disclaims any implied warranties of merchantability or fitness for a particular purpose.

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