EPOXYSHIELD®
PENETRATING CONCRETE SEALER

DESCRIPTION AND USES

EpoxyShield® Penetrating Concrete Sealer provides excellent protection from the damaging effects of water, oil, chemicals, and stains to help extend the life of concrete. EpoxyShield Penetrating Concrete Sealer seeps deep into concrete pores to form a protective barrier beneath the surface. The durable barrier repels water and water-borne salt preventing common concrete problems (pitting, spalled, and dusting) and also provides protection against automotive oil and hydraulic fluids. EpoxyShield Penetrating Concrete Sealer is designed for use on bare concrete and masonry surfaces such as driveways, patios, walkways, landscaping blocks, and pavers. Do not use on stained concrete.

PRODUCTS

SKU	Description
265021	Penetrating Sealer (1-Gallon)
265020	Penetrating Sealer (5-Gallon)

PRODUCT APPLICATION

SURFACE PREPARATION

Allow new concrete to cure for a minimum of 28 days. Do not use on asphalt. Remove any oil spots, grease or spills and wash the floor with EpoxyShield Heavy Duty Degreaser or a suitable detergent or degreasing solution. Thoroughly rinse with fresh water. Then etch the floor using Rust-Oleum Concrete Etch or Rust-Oleum 108 Clean & Etch. **Note: If the concrete is not completely rinsed, the sealer may not properly penetrate the concrete.**

If the floor is sealed, the sealer will have to be removed by grinding or shot blasting. To determine if a concrete sealer is present, drip a small amount of water onto various areas on the surface. If the water beads up, a sealer is present and EpoxyShield Penetrating Concrete Sealer cannot be used. Previously Coated Floors: EpoxyShield Penetrating Concrete Sealer cannot be used on previously painted floors. If the floor is previously painted, all paint must be removed prior to sealing.

PRODUCT APPLICATION (cont.)

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN YOUNG CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

APPLICATION

EpoxyShield Penetrating Concrete Sealer is ready to use. Apply only when air, material, and surface temperatures are between 60-85°F (15-29°C) and the surface temperature is at least 5°F (3°C) above the dew point. The relative humidity should not be greater than 85%. The minimum floor temperature for painting is 55°F (13°C). Pour a portion of the material into a lined paint pan. Immediately begin to cut in the perimeter of the floor along the wall, or other areas where a roller cannot reach, using a brush or edger before beginning roller application. Use a synthetic ⅜" nap roller cover on a 9" roller frame to apply an even coat of EpoxyShield Penetrating Concrete Sealer onto the surface. Limit the application to 4x4 foot (1.2x1.2m) sections at a time. Maintain a wet edge to prevent lap marks and gloss variations. Make all final passes in the same direction to ensure uniform appearance.

CLEAN-UP

When finished, wash tools and equipment with warm water. Properly dispose of all soiled rags and protect unused product from freezing.

Form: GDH-358
Rev.: 050614

RUST-OLEUM EPOXYSHIELD

TECHNICAL DATA

EPOXYSHIELD® PENETRATING CONCRETE SEALER

PHYSICAL PROPERTIES

		PENETRATING CONCRETE SEALER
Resin Type		Proprietary Water-based Polymer
Pigment Type		None
Solvents		Glycol Ether, Water
Weight*	**Per Gallon**	8.33 lbs.
	Per Liter	1.00 kg
Solids*	**By Weight**	Proprietary
	By Volume	Proprietary
Volatile Organic Compounds*		<15 g/l (0.12 lbs./gal.)
Recommended Dry Film Thickness (DFT) Per Coat		Penetrating Sealer – No surface film
Wet Film to Achieve DFT (Unthinned Material)		2 saturating coats
Theoretical Coverage at 1 mil DFT (25µ)		300-800 sq.ft./gal. (7.4-19.7 m^2/l) Depending on concrete porosity
Practical Coverage at Recommended DFT (assumes 15% material loss)		200-700 sq.ft./gal. (6.2-17.2 m^2/l) Depending on concrete4 porosity
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	**Walk Ready**	2 hours
	Drive Ready	12 hours
	Recoat	Optional: when surface wetness disappears and up to 2 days
Shelf Life		2 years
Flash Point		>200°F (93°C)
Safety Information		For additional information, see MSDS

Calculated values are shown and may vary slightly from the actual manufactured material

The technical data and suggestions for use contained herein are correct to the best of our knowledge, and offered in good faith. The statements of this literature do not constitute a warranty, express, or implied, as to the performance of these products. As conditions and use of our materials are beyond our control, we can guarantee these products only to conform to our standards of quality, and our liability, if any, will be limited to replacement of defective materials. All technical information is subject to change without notice.