

## SOLHYDROCOAT OILGUARD

Penetrating two-component epoxy coating offering good chemical resistance

**SOLHYDROCOAT OILGUARD** is a penetrating two component epoxy coating that does not require a primer, dries very rapidly and offers good chemical resistance to products such as gasoline and oil.

### USES

**SOLHYDROCOAT OILGUARD** is used for protection of new or existing concrete floors such as:

#### TYPICAL USES:

- Service station floors
- Mechanical maintenance floors
- Tool Shops
- Interior parkade and ramps

### PRODUCT FEATURES

- Allows concrete to breathe
- Excellent moisture vapor transmission
- Resists chemical products such as water, oil, salts, mild acids, alkalis, alcohol, grease, detergent solutions, hydraulic fluids, gasoline
- Excellent wear resistance

### SURFACE PREPARATION

- Concrete surfaces must be clean, sound and free of old existing coatings. New concrete should cure a minimum of 28 days. Dry surfaces allow easier application of this product, however, product will adhere to clean, damp surfaces.
- Remove all debris from working surface.
- Remove all oils, greases, dirt and wax solutions from surface.
- Use suitable means to remove contaminants, heavy laitance, or curing compounds, which will interfere with proper adhesion.

Special consideration must be given to oil or other foreign material which may have penetrated into the concrete. Pull Tests must always be used to verify adequacy of preparation.

- Repair all cracks with appropriate **SOLHYDWELD** resin.

### PRIMING

No primer required.

### PRODUCT MIXING

The 40 L (10.5 gal) unit of **SOLHYDROCOAT OILGUARD** is supplied in two components "A" and "B" of 20 L (5.25 gal) each. First ensure each component is fully mixed to an even consistency. Mix equal amounts of component "B" and component "A" until one even color develops. Mixing should be done with low speed mixer (max. 300 rpm).

### INDUCTION

Once components A & B have been properly mixed, let the mixed material stand in pails for a period of 10 minutes. Once the 10 minutes induction period has elapsed, proceed to remixing material until an even color develops.

### PRODUCT APPLICATION

Apply the product on the concrete surface using a squeegee or a brush for difficult to reach areas. Once the product is applied in a uniform fashion, backroll using a short nap roller.

### CURING

**SOLHYDROCOAT OILGUARD** is a self-curing material.

### PHYSICAL MATERIAL PROPERTIES @ 25°C (77°F)

	COMPONENT A RESIN	COMPONENT B HARDENER	MIXED A+B
Specific Gravity	1.18	0.93	1.01
Color	Grey	Clear	Light Grey
% of Solids	70%	65%	67%
Viscosity	132 cps	62 cps	97 cps
MIXING/RATIO	A	B	
Volume	1	1	

	CURE TIME	
	10°C (50°F)	25°C (77°F)
Pot life 200 g	-	75 minutes
Tack free time	12 hours	4 hours
Through cure	48 hours	24 hours

It is necessary to allow **SOLHYDROCOAT OILGUARD** to cure for a minimum of 12 hours at 25°C (77°F) before it is opened to traffic. Curing time is considerably longer at colder temperatures.

## SOLHYDCOAT OILGUARD

Penetrating two-component epoxy coating offering good chemical resistance

### ESTIMATING/YIELD

**SOLHYDCOAT OILGUARD** is packaged in 40 L (10.5 gal) units. Apply **SOLHYDCOAT OILGUARD** evenly over area according to coverage requirements. Typical rate of application over a normal concrete surface is two coats of 7 m<sup>2</sup>/L (300 ft<sup>2</sup>/gal) per coat. Actual coverage rate will vary with concrete porosity, moisture content and profile. Test patches are recommended.

### PRECAUTIONS/RESTRICTIONS

- **SOLHYDCOAT OILGUARD** should only be applied to a dry frost-free substrate. A dry surface is essential for proper penetrating and sealing.
- **SOLHYDCOAT OILGUARD** coating will cure down to 0°C (32°F), however application properties are significantly better above 10°C (50°F) and are excellent at 20°C (68°F).

### PACKAGING

**SOLHYDCOAT OILGUARD** is packaged in 40 L (10.5 gal) units.

### RECOMMENDED TOOLS

The following tools will assure a cost effective, satisfactory installation:

- Low speed drill with mixing paddle
- Brush
- Short nap roller
- Squeegee
- Spiked shoes

### CLEANING

Use **ACETONE** to clean all tools and equipment.

### STORAGE

Store in a temperate area. Do not allow products to freeze.

### SAFETY

See Material Safety Data Sheet.

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SOLHYDROC WARRANTS that the product conforms to its chemical description and is reasonably fit for the purpose stated on its Technical Bulletin when used in accordance with its directions. SOLHYDROC makes NO OTHER WARRANTY either expressed or implied. Buyer assumes all risk in handling.

*For Professional Use Only*

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