

# CONCRETECH

## Cure & Seal – Water Base

### PRODUCT DESCRIPTION

Cure & Seal – Water Base is a unique one-component water/base, odorless, non-flammable concrete sealer, and hardener. It has very good water resistant, and penetrating concrete binding properties. When applied to concrete Cure & Seal reduces porosity and permeability of the concrete matrix. This serves to increase the hardness and chemical resistance, which in turn, increases abrasion resistance and service life of the surface. Cure & Seal – Water Base is a low cost concrete treatment. It is easy to apply. It also complies with environmental, health and safety regulations.

### USES

Cure & Seal – Water Base may be used for: Dust proofing plant floors, walks, driveways, oil proofing concrete storage tanks for mineral and vegetable oils, floors, driveways, service station areas, lubricating areas, concrete walls, storage tanks, concrete blocks, cement asbestos pipes.

### PACKAGING

Cure & Seal – Water Base is available in 18.9 L. / 5 Gal. plastic containers.

### LIMITATIONS

All membrane curing compounds and bond breakers must be removed to ensure penetration and maximum chemical resistance. Apply when concrete temperatures are above 5°C (40°F) and rising. Concrete must be free of contaminants, dry and structurally sound. Remove all surface laitance. Two thin coats produce better film protection than one thick coat. For other methods please contact Concretech Technical Services. Avoid ponding. Cure & Seal – Water Base should not be applied to any surface that has already been treated with compounds that might prevent penetration (e.g. paint, oil).

### INSTALLATION INSTRUCTIONS

The concrete surface should be wetted and scrubbed with soap or other cleaning compounds. The abrasive action removes the film of consolidated dirt and exposes the true wearing surface. The surface should then be scrubbed again with soapy water. To get the best penetration the floor should be allowed to dry for a minimum of 24 hours, depending on atmosphere humidity. Do not dilute Cure & Seal – Water Base, use it as it is. Each gallon covers 400 square feet of concrete with one coat. Cure & Seal may be applied with a brush, squeegee, low-pressure sprayer, or scrubbing machine.

### STORAGE

Storage: Shelf life is one-year from date of manufacture in protected area at 5° - 30° C.

### PROPERTIES

Physical Properties	(7 day cure @ 21°C (70°F))
Abrasion Resistant	ASTM C 418 - 0.3
Freeze-Thaw Average Expansion	ASTM C666 - 0.03

Concrete Surface Compression Strength	+ 15%
VOC g/L Excluding Volume of Water	7.0
Efflorescence Resistance	Excellent
Intercoat Adhesion	Excellent

### Chemical Resistance (3 hour spot tests, covered) @ Room Temp.

Acetic Acid<10%	G
Acid Waters<6.5	VG
Boric Acid	F
Chromic Acid 5%	G
Formic Acid 10%	P
Hydrochloric Acid 10%	VG
Phosphoric Acid 10%	VG
Tannic Acid	G
Petroleum Oil	VG
Vegetable Oil	VG
Fats and Fatty Acids	E
Coal Tar Distillates	G
Ethyl Alcohol	F
Acetone	P
Glycerin	VG
Ethylene Glycol	G

E=Excellent, VG=Very Good,  
G=Good, F=Fair, P=Poor

### SAFETY PRECAUTIONS

Handling: Use appropriate respirator and protect skin and eyes from contact when using this product.

Wear protective clothing, vapor mask & eye protection. Keep away from children. See MSDS for additional information.

### TECHNICAL SERVICES

Complete technical information is available from Concretech Inc. and its authorized applicators and distributors. In house laboratory testing is available for specialty applications. Technical services available in North America call toll free 1.888.503.6780

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