

# CURE&SEAL 25

25% SOLIDS CLEAR ACRYLIC CURE AND SEAL FOR CONCRETE

## QUICK FACTS

PRODUCT NAME	<b>Cure&amp;Seal 25</b>	
PACKAGING	5-Gallon (18.9 L) Pail 55-Gallon (208 L) Drum	
COVERAGE*	180-200 ft <sup>2</sup> (16.7-18.6m <sup>2</sup> ) per gal, per coat 8-8.9 mils wet; 1.6-1.8 mils cured	
SOLIDS	25%	
APPEARANCE	Clear Gloss cured, Clear wet	
ODOR	Solvent	
WATER RESISTANCE	Excellent, beads water	
MECHANICAL STABILITY	Excellent	
LIGHT STABILITY	Excellent	
DILUENT	Hydrocarbons	
VOC CONTENT	Under 600 g/L	
SHELF LIFE	Under normal, moisture free conditions, 2 years in unopened container	
CURE / SET TIME **	Foot Traffic:	6 - 8 hours
	Full Cure:	28 days
MANUFACTURER PART #	SKU #	/ 5-Gallon (18.9 L) Pail
	SKU #	/ 55-Gallon (208 L) Drum

\*Coverage rate depends upon application and substrate

## DESCRIPTION

CURE&SEAL 25 is a 25% solids finishing membrane that enhances the curing process of freshly placed concrete and provides protection simultaneously. Upon application it forms a water retentive film that beneficially restricts moisture loss allowing concrete to reach its optimal cure and hardness, providing an economical alternative to costly, time-consuming water curing. CURE&SEAL 25 is a color enhancing, gloss coat helpful in preventing dusting, spalling, moisture and chemical migration through a slab and improves resistance to freeze/thaw cycles. It protects during the many phases of construction from incidental staining, UV protection, and abrasion resistance. CURE&SEAL 25 improves any concrete upon placement: driveways and sidewalks, stamped concrete, exposed aggregate, terrazzo, parking garages, or any other slab, whether industrial, commercial, or residential. This product should not serve as a sealer for concrete overlay systems.

### SURFACE PREP



The principles for surface preparation for CURE&SEAL 25 has few similarities with other coating systems placed on concrete:

- 1. Clean:** The surface must be free of dust, dirt, oil, grease, release agents, and other foreign matter that may serve as a bond breaker.
- 2. Not Cured:** After concrete is placed and final finished (i.e. troweling or brooming are completed) and concrete can bear the weight of applicator, CURE&SEAL 25 may be applied. The surface must be free of water.

## TEMPERATURE/CURE

1. Avoid application on extremely cold or hot days or during wet, foggy weather.
2. Apply with ambient and surface temperatures ranging above 50°F (10°C) and below 90°F (32°C) and that will remain within ranges for at least 24 hours following application.
3. Do not apply outside if precipitation is forecast within 24 hours of application.
4. Substrate must be dry throughout all steps

## MIXING AND APPLICATION

### PLANNING

1. Product is flammable. Interior applications, turn off all fuel burning appliances and pilot lights.
2. Provide for ventilation so that vapors do not accumulate.
3. Select appropriate PPE (personal protection equipment). Use of a NIOSH approved respirator may be required. Refer to SDS.

Mask all areas requiring protection.

### FIRST COAT

#### Rolling

1. Utilize a bucket grid to apply in a thin film.
2. Roller covers require a solvent resistant core.
3. The correct nap size varies due to texture. For example ¾" is recommended for heavy textured patterns, while ¼" mohair is recommended for very smooth surfaces.
4. Do not allow puddling.
5. Exercise care to eliminate roller tracks through back rolling.

#### Airless Spraying

1. Airless sprayer should be capable of a minimum .5 gpm discharge.

2. Tip size should be approximately .015" - .019" with 65° fan.
3. Maintain a wet edge between passes.

#### Pump-up Sprayer

1. Select solvent resistant sprayer.
2. Select fan or cone tip as preferred that can pass 25% solids product.
3. Have sufficient tips on hand to allow clean-up that will not interrupt application.
4. Exercise care to create a consistent spray pattern.
5. If necessary, backroll sprayed area to lay product flat.

When first coat is able to be walked on, a second coat may be applied. Best protection is achieved through the application of two thin coats.

### SECOND COAT

Applies identical to first coat.

Allow 24 hours cure time prior to foot traffic.

Allow concrete to cure prior to vehicular traffic.\*

*\*Note: CURE&SEAL 25 is not designed as a stand-alone sealer. After concrete has cured, for optimum performance, finished product should be sealed with a solvent-based sealer.*

### CLEAN-UP

Before SOLVENT-BASED ACRYLIC SEALER dries; spills and tools can be cleaned up with a solvent such as xylene or acetone.

### WARNING

**KEEP OUT OF REACH OF CHILDREN.** Product is flammable. Avoid sources of ignition. Keep areas ventilated to prevent the accumulation of vapors. Inhalation: Use NIOSH approved respirator for organic vapors. Skin Contact: Skin contact may cause irritation. Remove contaminated clothing and wash affected skin with soap and water. Launder clothing before reuse. If symptoms persist, seek medical attention. Eyes: Wear safety eye protection when applying. If contact occurs, flush eyes with water for 15 minutes, seek medical attention.

### WARRANTY

Warranty of this product, when used according to the directions, is limited to refund of purchase price, or replacement of product (if defective), at manufactures/seller's option. Manufacturer shall not be liable for cost of labor or direct and/or incidental consequential damages.



