

# SBA 30

## 30% SOLIDS CLEAR SEALER AND PROTECTOR FOR EXTERIOR CONCRETE

### QUICK FACTS

PRODUCT NAME	<b>SBA 30</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	30%	
APPEARANCE	Clear High 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
	Vehicular Traffic:	72 hours
	Full Cure:	28 days
MANUFACTURER PART #	<b>SKU #</b>	/ 5-Gallon (18.9 L) Pail
	<b>SKU #</b>	/ 55-Gallon (208 L) Drum

\*Coverage rate depends upon application and substrate

### DESCRIPTION

SBA 30 is a single-component, 30% acrylic solids, under 600 g/L, color enhancing, high gloss sealer developed to seal and protect concrete overlays or any cement-based product. It is vapor permeable, yet reduces the penetration of fluids into the surface. SBA 30 will enhance the beauty, improve stain and abrasion resistance, and provide UV protection for driveways, garage floors, patios, walkways, pool decks, stucco, and concrete block.



## SURFACE PREP

The principles for surface preparation for SBA 30 are aligned with other coating systems for cement-based overlays and products, the substrate must be:

1. **Clean:** The surface must be free of dust, dirt, oil, grease, paints, glues, non- acrylic sealers, curing agents, efflorescence, chemical contaminants, rust, algae, mildew and other foreign matter that may serve as a bond breaker.
2. **Cured:** Cement-based overlays typically cure sufficiently overnight (refer to specific SureCrete overlay TDS.) Other cement-based products may require up to 28 days depending on temperatures & humidity.
3. **Sound:** No system should be placed on cement based overlay that is flaking or spalling; substrate must be sound. If the surface is delaminating, then diamond grinding, shot blasting, or other mechanical means should be used to remove the delaminating areas.
4. **Profiled:** Customarily cement based overlays do not require profiling. For other cement-based products proper profile should follow the standard established by the International Concrete Repair Institute (ICRI) Technical Guideline no. 03732 for Concrete Surface Profile (CSP). The established profile is categorized as CSP-1.

To properly profile some cement-based products (especially exterior applications) use a pressure washer equipped with a turbo-tip and a concentrated concrete cleaner (see the product's TDS). Some substrates may require more aggressive profiling through diamond grinding or shot blasting.

## RECOATS

SBA 30 may serve as an excellent choice to reseal or refresh an existing decorative concrete project. The surface should be cleaned with a pressure washer and a concentrated concrete cleaner (see product's TDS).

- a) Any old, loose and flaky sealer that is still present must be removed.
  - Chemically: With a concrete stripper or coating remover.
  - Mechanically: diamond grinding or shot blasting
- b) This product should only recoat an existing solvent based acrylic. Determine a substrate's unknown existing sealer by placing a paper towel saturated with xylene over a small area. Cover the towel with plastic and allow it to remain in place for 15 minutes. Solvent based acrylic may feel slippery to the touch, but water based acrylic turns into a slimy mess that can be scraped off easily.

- c) Before recoating, prepare on-site a small test area on the intended substrate to establish compatibility of solvents and avoid blistering and delamination.
- d) Recoat applications may be complete with a single coat, always evaluate surface to see if a second coat is needed. Best performance is achieved through thin coat(s).

## 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 12 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. For horizontal surface utilize an 8" – 10" extension.
4. Maintain a wet edge between passes.