



**SC**

**SURFACE COAT**  
PROTECTIVE SEALERS & STAINS

## **SC-20 Sodium Silicate**

### Description

SC-20 Sodium Silicate is an easy to apply, ready to use curing compound. Concrete that is treated with Sodium Silicate develops greater strength. Sodium Silicate will react with the concrete's free lime and calcium carbonate filling and sealing the capillaries and voids making a dense hard surface which will minimize any future dusting and will allow resilient mastics and coating to adhere securely.

- Low Cost Concrete Treatment
- Easy to Handle and Apply
- Reduces Porosity and Permeability
- Increase Chemical Resistance
- Penetrates to Provide Long Term Performance
- Greatly Increases Water Resistance
- May be Polished with a Buffing Machine in Order to Achieve a High Sheen, Glassy Look
- Concrete Stays Natural Looking
- Indoor/Outdoor Application
- Allows Concrete to Breathe

### Uses

Sodium Silicate is suited for maintenance areas, driveways, parking lots, and most fresh concrete applications. Sodium Silicate is also excellent for older concrete in order to dust proof, harden and make slabs more abrasion resistant.

### Packaging

1 and 5 gallon pails

### Color

Clear

### Advantages

- Increases Useful Life of Concrete Structures

## **INSPECTION / PREPARATION**

### Inspection

The surface must be dry and free of oil, grease, curing agents, dirt, dust or other foreign material.

can be prepped with a nylogrit brush. Carefully sweep and vacuum to prepare surface.

### Preparation

For a new interior slab, SC-20 can be applied on a new slab with minimal prep. A slab with no foreign material

For an old slab, remove any material that will interfere with the reaction process, this is typically done with high-pressure water or by mechanical means (grinding, blasting, etc).

## **APPLICATION**

### Mixing

Stir prior to use.

product is completely dried. Apply 1-3 coats depending on the desired effect.

### Thinning

Thinning is not recommended.

Caution: This product will etch glass and aluminum. Wash off immediately with liberal amounts of water. May leave residue where moisture is present. If excess material is applied, it may crystallize. Should this occur, use a brush and water to remove. Do not use on colored concrete.

### Coverage

Will vary depending on the surface. Up to 400 square feet per gallon on a smooth surface and between 200-300 square feet per gallon on a rough surface. Test area to determine coverage and whether or not a second coat is desired.

### Dry Time

Dry time will vary depending on use (30 minutes to 24 hours).

### Applying Product

Sodium Silicate should be applied with spray equipment at a rate of 150-400 square feet per gallon. Do not allow a puddle. Broom in excess material. Prevent all traffic until

### Clean Up

Uncured material should be removed with soap and water. Cured material should be removed mechanically.

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## LIMITATIONS

- Do not apply in temperatures below 55°F or above 95°F.
  - Protect surrounding areas from material.
  - This product will etch glass and aluminum.
  - Use protective gloves and eye protection.
  - Do not apply if rain is forecasted within 48 hours or heavy dew within 24 hours.
  - Do not allow any Westcoat products to FREEZE.
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## HEALTH PRECAUTIONS

Inhalation of vapor or mist can cause headache, nausea, irritation of nose, throat and lungs. Prolonged or repeated skin contact can cause slight skin irritation.

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## DISCLAIMER

PURCHASER'S SOLE AND EXCLUSIVE REMEDY AGAINST THE MANUFACTURER OF WESTCOAT, SHALL BE LIMITED SOLELY TO THE REPLACEMENT OF ANY DEFECTIVE MATERIAL OR A PAYMENT BY THE MANUFACTURER IN AN AMOUNT EQUAL TO THE COST OF THE ORIGINAL MATERIAL.



**westcoat**

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