

# COSTAR TOP 20

Low VOC Lithium Silicate based Densifier and Concrete Hardener

## Description

Costar Top 20 is a low VOC lithium silicate based solution used to densify, harden, seal and protect fresh or hardened concrete.

## Benefits

- Easy to use and fast drying
- A low cost treatment for exposed concrete surfaces
- Residue-free surface allows bond of various paints, adhesives or toppings
- Low odor and non-yellowing
- No solvent vapors
- Improved abrasion and chemical resistance
- Excellent dustproofing properties
- Improves cleanability

## Uses

Costar Top 20 is recommended for use on old and new concrete surfaces such as factories, texture mills, warehouses and areas where concrete floors are subjected to both light and heavy traffic

## Application Instructions

### ■ New Concrete

After the curing period has elapsed, apply two or more uniform coats at the rate of 7 m<sup>2</sup>/L each coat as needed. Allow a minimum of 4 hours between coats. Redistribute any excess Costar Top 20 with soft broom or microfiber pad, allowing material to dry uniformly. Under certain conditions application to fresh concrete may be necessary. In this case apply a uniform coat after final troweling and when surface water glaze is gone, but before application of a dissipating curing compound. Remove any puddles or excess accumulation with soft broom or microfiber pad, allowing material to dry uniformly.

### ■ Old Concrete

Surfaces must be sound and clean. All residue, oil, sealers, waxes, contaminants and laitance must be removed from surfaces for maximum penetration. Remove unsound concrete and repair holes, cracks and deteriorated areas. Apply two or more uniform coats at the rate of 7 m<sup>2</sup>/L each coat as needed. Allow a minimum of 4 hours between coats. Redistribute any excess Costar Top 20 with soft broom or microfiber pad, allowing material to dry uniformly. Avoid brooming once drying begins. Provide adequate ventilation in enclosed areas to facilitate proper drying. After drying remove any excess, powder-like residue with a stiff broom or dry buffer. Do not puddle.

## Maintenance

A mechanical walk-behind or ride-on scrubber is an efficient and economical means of regularly cleaning concrete floors. Only soft scrubbing or soft brush attachments should be used when mechanically scrubbing your floor. Do not use aggressive abrasive pads or brushes. The use of black scrubbing pads, diamond impregnated pads or carbide impregnated type brushes may dull the surface gloss. Wet mops work well on small floors or places where a mechanical scrubber will not fit.

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## Coverage

Approximate coverage is about 7m<sup>2</sup> per liter  
Two coats recommended.

## Shelf Life

Shelf life is two years in unopened containers when properly stored. Do not allow to freeze.

## Limitation

Apply when concrete surface temperatures are 40°F (4°C) and rising  
Provide adequate ventilation in enclosed areas to facilitate proper drying  
Do not puddle

## Safety Precautions

- Keep from freezing
- Wear protective gloves and goggles
- Avoid prolonged skin contact and absolutely no contact with all food stuffs

## Limited Warranty

All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty either expressed or implied. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk and liability resulting from his or her use of the product. Nothing contained in any supplied materials relieves the user of the obligation to read and follow the warnings and instruction for each product as set forth in the current Technical Data Sheet, product label and Safety Data Sheet prior to product use away.

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