

COSTAR TOP 10

Clear Sodium Silicate based Densifier and Concrete Hardener

Description

Costar Top 10 is a clear sodium silicate based solution which chemically reacts with soft free lime and calcium carbonate compounds in concrete to densify and create chemically resistant surfaces. It is used to cure, harden and seal 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 10 is recommended for use on old and new concrete surfaces such as light industrial plants, warehouses, laundries, as well as in food storage plants and bakeries. It is also appropriate for areas with frequent foot traffic such as civic centers, sports arenas, stadiums and other commercial buildings.

Application Instructions

- **New Concrete**
Spray first coat uniformly after surface water glaze is gone at the rate of 7m²/L. Apply second coat uniformly 4 hours later at the same rate in the opposite direction. Squeegee or wipe up all puddling. Fresh concrete placed in enclosed areas without adequate ventilation will hold water in concrete causing a super saturated condition. When Costar Top 10 is applied in such conditions, it may build on surfaces creating a very slippery jelly-like silicate residue. Flush with water and squeegee off residue before it dries. Re-apply Costar Top 10 after floor has thoroughly dried.
- **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 m²/L each coat as needed. Allow a minimum of 4 hours between coats. Apply to oil-free and thoroughly cleaned, sound concrete surfaces. Provide adequate ventilation in enclosed areas to facilitate proper drying. 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 7m² 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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