

## CSS COOLTOP

### DESCRIPTION

CSS CoolTop is a next generation advancement in sports surface topcoats, designed to improve player comfort with climate change in mind. CSS CoolTop has been formulated with reflective properties that result in high TSR (total solar reflectance) values. Significant surface temperature reduction can be expected, depending on the specific color and the prevailing temperature conditions.

### APPLICATION SPECIFICATIONS

This specification covers the application of a colored surface texture for new or existing asphalt or concrete surfaces that have a sound, well-drained base of adequate thickness and stability. Existing surfaces should be properly sloped for good drainage and free from cracks. Exterior surfaces should have a slope of at least 1%. The process consists of the repair of any minor depressions and a uniform application of Acrylic Resurfacer and potentially liquid applied cushion coatings, followed by applications of the CSS CoolTop color system.

### APPLICATION:

- Rubber-faced squeegee. 50-70 durometer, depending on surface porosity.
- Intended to be applied over a properly prepared surface of either Acrylic Resurfacer or acrylic cushion, on a sound asphalt or concrete substrate.

### DRYING TIME:

- Approximately 2 hours for each coat
- Ready for foot traffic 24 hours after final coat is dry.
- Different ambient weather conditions may necessitate different drying times.

### COLOR RANGE:

CSS CoolTop is available in eight standard colors, subject to change. See color chart for more information.

### COVERAGE:

Depending on surface and porosity, you should expect an application rate of .04-.06gal/yd<sup>2</sup> (.20-.25 L/m<sup>2</sup>), per coat, with a minimum of two coats. An optional 3<sup>rd</sup> coat will provide added longevity and durability.

### MIX:

The material shall be mixed one (1) part water to three (3) parts CSS CoolTop.

Do not add silica sand. Do not overdilute.

Care should be taken to gently stir every 15 minutes if material is not immediately applied. Pre-mixed material should be boxed together, to ensure thorough mixing before pouring onto surface.

### WEATHER LIMITATIONS

No part of the installation shall be conducted during rainfall, or when rainfall is imminent. The air and surface temperature must be a minimum of 50°F (10°C) and rising. Do not apply when surface temperature is above 140°F (60°C).

### LIMITATIONS

Will not prevent surface or structural cracks from occurring or reoccurring.

Will not prevent metal or organic staining if there are contaminants in the subsurface.

Do not allow product to freeze.

Do not store in direct sunlight.

Indoor applications will require a minimum constant temperature of 70°F (21°C) and proper air ventilation.

CSS CoolTop is NOT a waterproofing material.