



# STARDEK WATER BASE CONCRETE SEALER *Technical Report*

*VOC Compliant*

## Description:

STARDEK concrete sealer is a complex blend of modified polymers. This premier decorative coating for concrete decks offers superior durability insuring lasting beauty. This material is also rust and mildew resistant. It waterproofs and seals the surface protecting the concrete, eliminating concrete dust.

## Recommended For:

Any concrete surface such as Kooldeck, Keystone, driveways, patios, sidewalks, garage floors, pool decks, breezeways, balconies, lanai, entrance ways, hotels, motels, apartment buildings, condominiums, restaurants, schools, light commercial. This is a quality grade material, designed for use by trained professionals.

## DIRECTIONS FOR USE:

Surface Preparation – Concrete must be at least 28 days old, clean, dry and free of all grease, oil dirt mildew and loose paint. If necessary clean with a good degreaser or detergent and/or pressure washer. Acid etching is not recommended, for best results on previously coated or bare non-porous slick steel troweled concrete, use STARDEK Bonding Primer as a prep coat.

## Application:

STARDEK Concrete sealer should be applied with medium nap roller or airless sprayer. Two coats are required on unsealed, unpainted porous (broom finish) concrete. Thin the first coat one (1) pint water per gallon. Apply the second coat full strength after a minimum of two (2) hours drying of the first coat. On previously painted or stained concrete, DO NOT thin the first (1<sup>st</sup>) coat! Surface will be tack free in one hour, ready for light foot traffic in two (2) hours and vehicle in seventy-two (72) hours or longer. Clean tools with warm soapy water. STARDEK Concrete Sealer may be applied over old paint if it is firmly bonded to its surface. Clean as outlined previously before applying STARDEK Concrete Sealer. STARDEK Concrete Sealer may not properly bond to glossy surfaces. In such cases, it is recommended to first apply STARDEK Bonding Primer. A test patch and adhesion check is strongly recommended. To check a sound bonded existing coating we recommend applying duct tape, pull quickly to insure existing coating has proper adhesion.

## Coverage:

Two coats will average 175-225 square feet per gallon depending on the porosity and texture of the surface. **DO NOT APPLY AT TEMPERATURES BELOW 50°F (1°C).**

## Technical Data:

**Generic Type** – Waterborne Acrylic

**Color** – White Tint

**Sheen** – Low

**% Solids by Weight** – 40.16%

**% Solids by Volume** – 28.48%

**Recommended Coverage:**

Average 175-225 sq. ft per gallon on porous surfaces

**% Vehicle Solids by Weight** – 20.36%

**% Pigment by Weight** – 19.80%

**% Volatile by Weight** – 59.84%

**Viscosity Stormer** – 85-87 KU

**Maximum VOC** – 350 Grams/Liters

**Weight/Gallon** – 9.94 lbs.

**Flash Point** – N/A

**Dry Time** - 70°F, 50% R.H.

Touch – 1 hour (Depending on Weather)

Recoat – 2 hours (High humidity and/or low temperatures will affect dry time)

Apply above 50°F

**Reduction Solvent** – Clean water

**Clean Up** – Warm soapy water

**CAUTION:** Do not apply this to a Bominite surface. Dam, soiled surface may result in a degree of slipperiness. User should determine if a non-skid additive is necessary.

KEEP FROM FREEZING

## **THE CHOICE OF PROFESSIONALS...**

STARDEK® mfg. by:

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