



## RECOMMENDED USES

- Surface preparation for concrete parking lots, crosswalks, driveways, pathways, level and raised medians, entryways.
- Used on new, aged, and patched concrete with proper surface preparation.
- Used on asphalt in cases where adhesion issues have been previously seen.

## PRODUCT CHARACTERISTICS

CONCRETE PRIMER WB	
Volume Solids	10.6% ± 1% [ASTM D2697]
Weight Solids	10.4% ± 1% [ASTM D2369]
VOC (calculated)	<90 g/L
Freeze Point	32°F (0°C)

Application Temperature	+ 50°F to 105°F (Ambient) (10°C to 40°C)
Drying Time (Touch Dry)	30 min at 75°F (24°C) and 40% humidity [ASTM D5895]

## PRODUCT DESCRIPTION

StreetBond has been developing high performance coatings for asphalt for over 20 years. **Concrete Primer WB** is a clear, single-component epoxy primer specifically designed to increase the bond of StreetBond coatings to concrete surfaces. **Concrete Primer WB** protects against destructive salts, oils, solvents and gasoline. Its low viscosity allows it to penetrate into the surface, creating a tenacious physical and chemical bond. It also helps to solidify punky or chalky surfaces. **Concrete Primer WB** is safe to use in commercial settings, has very little odor, and is easy to clean up. StreetBond coatings applied on concrete over **Concrete Primer WB** will handle expected traffic volumes as if applied on regular asphalt.

## PACKAGING & SHELF LIFE

**Concrete Primer WB** is a single-component material available in:

5 gallon (19 liter) pails

Shelf life 24 months if unopened containers stored between 40°F and 90°F (4°C and 32°C).

## APPLICATION INSTRUCTIONS

**Mixing:** Stir material prior to application. **Concrete Primer WB** may be reduced with water for increased penetration over dense substrates. Do not open containers until ready to use the material.

**Surface Preparation:** All surfaces must be clean and free of any dirt, oil, grease, soapy films, surface chemicals or other foreign contaminants. Slightly damp surfaces will not affect the performance of **Concrete Primer WB**, provided there is no standing water or frost. New concrete should be water-cured in lieu of using a curing compound. Any form of curing compound or release agent on any surface to be sealed with **Concrete Primer WB** must be completely removed, along with any laitance.

Prior to applying **Concrete Primer WB**, all loose material, dirt and dust must be removed by use of a power vacuum, stiff-bristled broom or compressed air. If concrete is badly spalled, restore surface to a reasonable condition using cementitious patching or resurfacing compound. New concrete that has been previously cured with a curing compound, or concrete that has been smooth trowelled shall be cleaned and etched with 10% Muriatic Acid solution. Wash with a biodegradable cleaner and follow with a generous rinse of clean water.

Existing stable concrete must be cleaned with a biodegradable chemical cleaner and water. Cleaning shall be accomplished using mechanical scrubbers. Rinse thoroughly with fresh water to remove all traces of the chemical cleaner. If general cleaning is not adequate, then surfaces should be cleaned and etched as recommended for new concrete.

If surfaces are highly contaminated, or if surfaces are to be subjected to unusual service conditions, consult Quest Construction Products' Technical Service Department for recommendations.

**Recommended Application: Concrete Primer WB** may be applied by brush, roller or spray. A low pressure sprayer can be used to apply **Concrete Primer WB** to the concrete surface, followed by backrolling.

For large projects, airless spray is the preferred method. Any airless spray equipment capable of 1,000 psi (6,980 kPa) and ½ gallon per minute (1.9 l/minute) delivery can be used. A reversible, self-cleaning spray tip with an orifice size of .015" to .027" (.4 mm to .7 mm) and minimum 40 degree fan angle is recommended. Before spraying, flush equipment with clean water to prevent contamination.

## COVERAGE RATES

Coverage Rate (applied as a single thin layer)	200–300 ft <sup>2</sup> /gal (6.1–7.3 m <sup>2</sup> /l)
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*Coverage rates will vary depending on surface porosity. Do not allow the product to puddle or glaze over the top of the substrate.*

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## APPLICATION INSTRUCTIONS, CONT'D

Surface may be slightly tacky, but must not transfer residue to hands or feet. **Concrete Primer WB** must be top coated within 48 hours for optimum bonding results.

In warm conditions with direct sunlight, allow 2-4 hours to dry. In cool shaded conditions, allow to dry for 24 hours.

Do not apply **Concrete Primer WB** at temperatures below 50°F (10°C). Do not apply if conditions will not permit complete cure before rain, dew or freezing temperatures occur.

## LIMITATIONS & PRECAUTIONS

**Concrete Primer WB** is a thin penetrating primer. It is not designed for use as a high-build surface coating. **Concrete Primer WB** will freeze and become unusable below 32°F (0°C). Do not ship or store unless protection from freezing is available. Shelf life in unopened containers is one year from date of manufacture. Store at temperatures between 50°F and 100°F (10°C and 38°C).

**Concrete Primer WB** may be an irritant to skin. Avoid breathing of vapor or spray mist. Approved MSHA/NIOSH chemical cartridge respirator must be worn by applicator in confined areas. Avoid contact with eyes and skin.

## SAFETY & HANDLING

For specific information regarding safe handling of this material please refer to the Material Safety Data Sheet (MSDS).

## CLEAN UP

Thoroughly rinse application equipment with clean water before it dries.

### Quest Construction Products

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