

StreetBond® Concrete Primer QS

Technical Data Sheet

PRODUCT INFORMATION

Product Characteristics

Volume Solids	53% ±1% [ASTM D2697]
Weight Solids	58% ±1% [ASTM D2369]
VOC (calculated)	<380 g/L
Freeze Point	32°F (0°C)
Application Temperature	50°F – 105°F (Ambient) (10° C – 40°C)
Dry to Touch	60 min at 75°F (24°C), 40% humidity [ASTM D5895]

Note: Values are approximate and subject to normal manufacturing variations. These values are not guaranteed and are provided solely as a guide.

Uses and Advantages

StreetBond® Concrete Primer QS is designed to enhance the adhesion of StreetBond® coatings to new, aged, and patched concrete surfaces. Concrete Primer QS is used in the surface preparation for concrete parking lots, crosswalks, driveways, pathways, level and raised medians, and entryways. Additionally, it can be used on asphalt in cases where adhesion issues have been previously seen.

Advantages:

- Easy to clean up
- Low odor
- Versatile... Can be applied by roller, brush, or airless sprayer

Application Instructions

Substrate 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 StreetBond® Concrete Primer QS, provided there is no standing water or frost. New concrete should be water-cured in lieu of using a curing compound and should be cured for at least 28 days. Any form of curing compound or release agent on any surface to be sealed with Concrete Primer QS must be completely removed, along with any laitance. 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.

Mixing: Mix Part A with an equal amount of Part B catalyst. Stir thoroughly for three (3) minutes. Dilute the combined mix (Part A and Part B) in a 1:1 ratio with MEK or acetone to optimize performance and coverage rates. Stir thoroughly for an additional two (2) minutes. After mixing, allow a minimum of twenty (20) minutes for sweat-in before using. One gallon of the final mix (one Part A, one Part B and two parts MEK or acetone) will cover approximately 400 – 500 ft².

Application: Concrete Primer QS may be applied by brush, roller, or sprayer. A solvent-safe “acetone-safe” low-pressure sprayer can be used to apply Concrete Primer QS to the concrete surface, followed by backrolling. Coverage rates of diluted primer are approximately 0.2 – 0.25 gal/100 ft² (0.82 – 1.02 L/10 m²), applied as a single thin layer. Coverage rates will vary depending on surface porosity. Do not allow the product to puddle or glaze over the top of the substrate.

Spray Application: For large projects, airless sprayer is the preferred method. Any airless spray equipment capable of 1,000 psi (6,890 kPa) and 1/2 gallon per minute (1.9 L/minute) delivery can be used. A reversible self-cleaning spray tip with orifice size of 0.015” to 0.025” (0.38 mm to 0.64 mm) and minimum 40° fan angle is recommended. For maximum production on large projects, airless spray equipment capable of 2,000 psi (13,790 kPa) and 1 gallon per minute (3.8 L/minute) delivery should be used. Allow to dry properly before applying StreetBond® coatings; failure to do so can result in coating failure. Surface may be slightly tacky, but must not transfer residue to hands or feet. Primer must be coated with StreetBond coating within 48 hours for optimum bonding results. Dry time can be 1 – 8+ hours depending on climate conditions.

For Application Questions: Contact GAF Technical Services at 1-800-766-3411 or visit gaf.com.

Applicable Standards: ASTM D2369, ASTM D2697, ASTM D5895

PRODUCT INFORMATION

Warranty

StreetBond products are covered under the StreetBond 1-Year Limited Warranty. See streetbond.com for complete coverage and restrictions. Additional coverage may be available for purchase for eligible projects. Please contact your GAF – StreetBond representative for details.

Limitations & Precautions

StreetBond® Concrete Primer QS is a thin penetrating primer. It is not designed for use as a high-build surface coating. Concrete Primer QS will freeze and become unusable below 32°F (0°C). Do not ship or store unless protection from freezing is available. Do not apply if conditions will not permit complete cure before rain, dew, or freezing temperatures occur. Concrete Primer QS may be an irritant to skin. Avoid breathing of vapor or spray mist. Approved OSHA/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 Safety Data Sheet (SDS).

Clean-Up

Thoroughly rinse application equipment with clean water before it dries.