

## Physical Properties



For sales & support in Canada contact HUBSS.com

HUB East (416) 540-9287

HUB West (604) 309-8212

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)
Drying Time (Touch Dry)	60 min at 75°F (24°C) and 40% humidity [ASTM D5895]

# StreetBond® Concrete Primer QS

## Technical Data Sheet

### PRODUCT INFORMATION

#### Basic Uses & 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 five (5) minutes. Most applications will be diluted in a 1:1 ratio with MEK or acetone to optimize performance and coverage rates. After mixing, allow a minimum of thirty (30) minutes for sweat-in before using.

**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 are approximately 0.2 – 0.25 gal/100 ft<sup>2</sup> (0.82 – 1.02 L/10 m<sup>2</sup>), 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](http://gaf.com).

**Applicable Standards:** ASTM D2369, ASTM D2697, ASTM D5895

StreetBond Commercial Product Data Sheets are posted on our website at [www.streetbond.com](http://www.streetbond.com)

## PRODUCT INFORMATION

### **Warranty**

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StreetBond products are covered under the StreetBond 1-Year Limited Warranty. See [streetbond.com](http://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**

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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**

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

### **Clean-Up**

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Thoroughly rinse application equipment with clean water before it dries.