StreetBond® Concrete Primer QS

Technical Data Sheet



Description:

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, sport surfaces, level and raised medians, and entryways. Additionally, it can be used on asphalt in cases where adhesion issues have been previously seen.

Advantages:

- Quick setting for dry and recoat times
- Easy to clean up
- Excellent penetration and etching properties
- Application versatility: 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. New concrete should be water-cured (in lieu of a curing compound) 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, should be cleaned by grinding, media blasting or etching with 10% muriatic acid solution. Wash with a biodegradable cleaner and rinse with a generous amount of clean water. Existing stable concrete must be cleaned with a biodegradable chemical cleaner and water. Cleaning should be accomplished with 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 1:1:1 ratio with MEK or acetone to optimize performance and coverage rates. Depending on substrate conditions the mix can be thinned. (Contact StreetBond® Technical support for more information) 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 one parts MEK or acetone) will cover approximately 300 – 400 ft^2.

Application:
Concrete Primer QS may be applied by brush, roller, or sprayer. A solvent-safe low-pressure sprayer can be used to apply Concrete Primer QS to the concrete surface, followed by backrolling. Concrete Primer QS must be applied in thin layers; where additional product is required utilize a second coat. 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 and cure time varies depending on ambient conditions; at 75°F (24°C), 40% humidity product is dry to the touch in about one (1) hour.

Applicable Standards:

- ASTM D2369
- ASTM D2697
- ASTM D5895

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 and 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 and Handling:

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

Cleanup:

Thoroughly rinse application equipment with clean water before it dries.

Product Characteristics

Type	Test Values*	ASTM Test Method
Volume Solids	53% ±1%	ASTM D2697
Weight Solids	58% ±1%	ASTM D2369
VOC (calculated)	< 380 g/L	
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
Mixed Pot Life	8 hours at 75°F (24°C), 50% Humidity or 4 hours at 95°F (24°C), 50% Humidity	

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

©2026 GAF • COMSB022-PDF-0726