

StreetBond Concrete Primer WB

Technical Data Sheet

StreetBond® Concrete Primer WB is a clear, two part, water-borne epoxy primer that is easy to mix, easy to use, and provides excellent results. It is applied over concrete by brush, roller or spray equipment. StreetBond® Concrete Primer WB dries quickly (60 – 90 minutes) and provides a unique “lacquer dry” cure allowing it to be re-coated the same day with StreetBond® SB150, SB120 or DuraShield. It has a long working time (2 – 3 hours) which allows larger batches to be mixed. The material cleans up easily with soap and water from hands and tools.

Contact StreetBond for information on approved product uses.

PRODUCT INFORMATION

Product Characteristics

Mixed Viscosity	CPS at 77°F (25°C) 200-400
Solids by Volume	65%
Volatile Organic Compounds	< 100 g/L typically 0.626 lbs/gal
Mix Ratio Parts Per Volume	4:1
Working Time	2 – 3 hours
Dry to Touch Time	60 – 90 minutes
Walk-on Time (light traffic)	4 – 6 hours
Coverage Rate per Gallon	150 – 250 sq ft/gal, thinned 20% with water 250-300 sq ft/gal
Color	clear

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

Typical Physical Properties

	Test Method	Result
Pencil Hardness (overnight)	ASTM D-3363	F
Cross Hatch Adhesion	ASTM D-3359	5
1/4" Mandrel Bend	ASTM D-522	Pass
Direct Impact Resistance (lbs)	ASTM D-2794	60
Reverse Impact Resistance (lbs)	ASTM D-2794	20

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

Can be applied directly to properly cleaned concrete substrates preventing bubbles and other “out-gassing.” It is typically used in a 1-coat application. It can be thinned with up to 20% water for tighter concrete surfaces, but can also be used in two coat applications for very rough or porous concrete surfaces.

Advantages

- Complies with NSF/ANSI 61 Section 5 (2012) potable water standard
- Applied in 1 or 2 coats as needed
- Easy to mix, easy to use, low odor
- 4:1 mixture - 4 parts A (resin) to 1 part B (hardener) by volume

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.

Surface Preparation

Surfaces must be structurally sound and free from contaminants such as dust, oil or dirt. Best performance is with sand or sweep blasting, or other means of mechanically abrading, followed by a thorough cleaning if necessary. All free- standing water must be removed.

General surface preparation and application procedures specified in ACI 503.1- 4 should be followed.

Tips for Use

The applied material must have a clear appearance, with no “white” areas visible prior to recoating. Temperature and humidity conditions affect the cure and tack free times of this material. Warm, dry conditions speed the cure, and cool, damp conditions will lengthen the cure time.

PRODUCT INFORMATION

Mixing Instructions

Thorough and complete mixing is critical. A Jiffy mixer is recommended. Prior to mixing, stir each component separately to ensure that the material is homogeneous and uniform in consistency. Add water (1 quart of water per 1.25 gallon kit) and mix at 200 – 300 RPM for 3 – 5 minutes. No stripes or color variation should be visible in the mix.

Mix no more material than may be applied in 3 hours.

Application Instructions

IMPORTANT: After mixing, wait 10 – 15 minutes before application to allow for the required “induction” of material prior to application.

StreetBond Concrete Primer WB is a high performance concrete primer. Thin 20% by adding one quart of water to a 1.25 gallon kit and apply at a rate of 300 ft² per thinned gallon (450 ft² per thinned kit). Allow an overnight cure before applying StreetBond.

Contact GAF StreetBond Field Technical Services for additional guidance.

Not Recommended For

- Do not apply to concrete less than 28 days old
- Do not apply to concrete with curing or sealing membranes
- Do not apply to base concrete at a temperature less than 50°F

Packaging

StreetBond Concrete Primer WB is available in 1.25 gallon kits.

Safety & Handling

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