

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 superior results. It is applied over concrete by brush, roller or spray equipment. StreetBond® Concrete Primer WB dries quickly (60 – 90 minutes) that provides a unique “lacquer dry” (dust free) 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.

CHEMICAL PROPERTIES: RESULT

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 (75 g/l)
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

TYPICAL PHYSICAL PROPERTIES: TEST METHOD RESULT

	Test Method	Result
Pencil Hardness (overnight)	ASTM D-3363	F
Cross Hatch Adhesior	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

PRODUCT INFORMATION

Typical Users

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.

Features & Benefits

- 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 Preperation

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 homogenous and uniform in consistency. Add water (1 quart 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.

IMPORTANT: After mixing, wait 10 – 15 minutes before application to allow for the required “induction” of material prior to application. Mix no more material than may be applied in 3 hours.

Application Instructions

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 sq ft. per thinned gallon. 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

How Supplied

StreetBond Concrete Primer WB is available in 1.25 gallon kits.

Safety Precautions

Health Considerations: Consult the GAF-StreetBond Safety Data Sheets (SDS) Chemical systems require the use of proper safety equipment and procedures. Please follow the GAF - StreetBond product SDS and Safety Manual for detailed information and handling guidelines. For Your Protection: The information and recommendations in this publication are, to the best of our knowledge, reliable. Suggestions made concerning the products and their uses, applications, storage and handling are only the opinion of GAF - StreetBond. Users should conduct their own tests to determine the suitability of these products for their own particular purposes and of the storage and handling methods herein suggested. The toxicity and risk characteristics of products supplied by GAF - StreetBond will necessarily differ from the toxicity and risk characteristics developed when such products are used with other materials during a manufacturing process. The resulting risk characteristics should be determined and made known to ultimate end-users and processors. Because of numerous factors affecting results, GAF - StreetBond makes no warranty of any kind, express or implied, other than that the material conforms to its applicable current Standard Specifications. GAF - StreetBond hereby disclaims any and all other warranties, including but not limited to those of merchantability or fitness for a particular purpose. No statements made herein may be construed as a representation or warranty. The liability of GAF - StreetBond for any claims arising from or sounding in breach of warranty, negligence, strict liability, or otherwise shall be limited to the purchase price of the material.