



# Vinyl-Grip™ 99

HIGH MOISTURE RESISTANT RESILIENT ADHESIVE

## KEY FEATURES

- Permanent, aggressive tack
- Bonds to a wide variety of flooring
- Bonds up to 99% RH & 12.0 pH

## DESCRIPTION

Vinyl-Grip™ 99 is a highly moisture resistant, high strength, water-based adhesive specifically formulated for the installation of most resilient flooring in residential and commercial applications. Vinyl-Grip™ 99 is a 0-VOC formulation (as calculated per SCAQMD Rule 1168). Vinyl-Grip™ 99 has a long open time, but dries fast. It displays tenacious bond strength and is specially formulated to be highly resistant to plasticizer migration and staining. Vinyl-Grip™ 99 has been formulated to exhibit a unique combination of application properties including extremely high shear strength, excellent trowelability, fast tack/grab, low odor, and easy clean up.

## ULTIMATE VERSATILITY

Vinyl-Grip™ 99 may be used for bonding vinyl (sheet, tiles or planks), cork, or rubber floor coverings as well as rubber and vinyl stair treads in residential or heavy commercial applications. Vinyl-Grip™ 99 may be used over properly prepared concrete, APA grade plywood, and gypsum underlayments in above-grade applications, as well as radiant heat.

## MOISTURE & ALKALI RESISTANCE

Vinyl-Grip™ 99 is highly resistant to moisture and alkaline conditions. Always measure the in situ RH of concrete slabs in accordance with ASTM F-2170, and test the pH of the slab. Vinyl-Grip™ 99 may be used on slabs with elevated moisture up to 99% RH and 12.0 pH.

## LEED® CONTRIBUTION

Vinyl-Grip™ 99's 0 VOC formulation (as calculated per SCAQMD Rule 1168), may contribute toward LEED® credits under LEED® v4 Credits: IEQ Credit 2.1 and IEQ Credit 2.2.

## DIRECTIONS FOR USE

Read and understand the data sheet completely before beginning installation. Follow the appropriate industry standards, including ASTM F710 Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring.



Resilient flooring materials have vastly different substrate preparation and installation requirements that are essential to a successful installation regardless of flooring material or adhesive being installed. Therefore, always do a test area to ensure proper bonding and adhesive spread rate, and/or to become familiar with proper application techniques prior to use.

## SURFACE PREPARATION

Surfaces must be clean, dry and flat; free of voids, projections, loose materials, oil, grease, sealers and all other surface contaminants. Mechanically remove all surface contaminants by grinding or scarifying the substrate. Surface areas requiring patching or leveling must be treated using Bostik cement patches and/or Bostik self-leveling underlayments. Refer to the use instructions of these products for proper installation. Bostik D-250™ Moisture Vapor Barrier Coating or Slab-Cote™ Extreme Moisture Vapor Barrier Coating are recommended for installations where moisture and/or alkalinity in excess of stated limits may exist or might occur from the concrete slab. Please refer to the "Installation" section below for proper installation methods when using these moisture vapor barrier coatings.

PLEASE NOTE: Concrete substrate should NOT be smooth and reflective; it must be tested in accordance with ASTM F3191 and be found porous, where a ¼" drop of water must absorb into the concrete within 1 minute.

### INSTALLATION

Spread Vinyl-Grip™ 99 evenly with the proper trowel as described below. Open time is influenced by substrate porosity and atmospheric conditions (i.e. temperature, humidity, and air movement). For best results maintain adhesive, floor covering, and room at a stable temperature of 65°F – 85°F (18°C – 30°C) continuously for 48 hours before and after installation. Relative humidity must be maintained between 45-65%. Follow manufacturer recommendations for rolling and/or cross-rolling the flooring during installation.

**Applications Over D-250™ or Slab-Cote™ Moisture Vapor Barrier Coatings:** Vinyl-Grip™ 99 must not be installed directly over D-250™ or Slab-Cote™. A 1/8" thick minimum cementitious blotter layer is required prior to installation. Refer to the technical data sheet for this product for proper application instructions.

### CURE TIME

Temperature, humidity and substrate porosity affect the flash time and working time. The higher the temperature, the lower the humidity, and the more porous the substrate, the faster the flash time and working time. Flooring may be installed when the adhesive has flashed off sufficiently to prevent adhesive transfer to the fingertips, usually after 10-20 minutes. Always follow the flooring manufacturer's installation guideline. Flooring must be installed within the working time, up to 4 hours after flash time. Traffic: Immediate return to service in dry-lay applications, pending flooring manufacturer's guidelines. Wet mopping can be done after 1 week.

### CLEANUP AND STORAGE

As you work, immediately clean any adhesive from resilient flooring using a clean, damp cloth. Immediately clean all tools and equipment before adhesive cures. Follow flooring manufacturer's recommendation for clean-up. Use mineral spirits or other solvent may be needed to remove dried adhesive. Some flooring may not be compatible with solvents such as mineral spirits. The product should be stored in the original container in a cool, dry place and out of direct sunlight. Do not allow product to freeze. If the product should freeze, store at 75°F (25°C) until completely thawed, then thoroughly mix contents. Test carefully to ensure the product performance has not been compromised.

### LIMITATIONS

- This product is for interior installations only.
- Do not use this product where excessive moisture and alkalinity exceed limitations stated above.
- Test all concrete slabs for moisture per ASTM F2170 to determine RH. For slabs exceeding 99% RH or the floor covering manufacturer's RH limit, treat with Bostik's D-250™ or Slab-Cote™ Moisture Vapor Barrier Coating. Please refer to D-250™ or Slab-Cote™ Data Sheets.

## CHEMICAL & PHYSICAL PROPERTIES

<b>Use Environments</b>	Offices/Light Commercial	Yes
	Residential	Yes
	Hospitality	Yes
	Exterior	No
	Heavy Commercial	Yes
	Hospital/Healthcare	Yes
	Wet Areas	No
<b>Substrates</b>	Concrete	Yes
	Plywood	Yes
	OSB Underlayment	Yes
	Well-Bonded Vinyl	Yes
	Terrazzo	Yes
	Gypsum Underlayment	Yes***
	Prepared Metal	No
	Asphalt	No
<b>Flooring Types</b>	LVT or LVP	Yes
	Sheet Vinyl	Yes
	VCT	Yes
	Rubber	Yes
	Cork	Yes
	Carpet Tiles*	Yes
	PVC backings	No
	Linoleum	No
	Olefin-backed Vinyl	No
	<b>Cured Physical Properties</b>	Return to Service, dry lay
Rolling Loads Capacity		Moderate
Slab Moisture Limits		99% RH
pH Resistance		12
<b>Uncured Physical Properties</b>	Ease of Troweling	Extremely Easy
	Odor	Slight
	Required Flash Time	10-20 minutes
	Working Time	4 hours
	Color	Green
	Density (lbs/gallon)	8.3
	Freeze/Thaw	Do Not Freeze
<b>Chemical Properties</b>	Chemistry Type	Acrylic
	Adhesive Type	Pressure Sensitive
	VOC**	0
	Plasticizer Resistant	Yes
	Solvent Free	Yes
	Flash Point	>212°F
% Solids	63%	

\* Except PVC-backed carpet tiles

\*\* As calculated per SCAQMD Rule 116B

\*\* Dry, above-grade

- Do not use this product directly over D-250™ or Slab-Cote™ Moisture Vapor Barrier Coatings. A 1/8" layer of Bostik cementitious patch/underlayment must be applied prior to the application of Vinyl-Grip™ 99. Refer to product instructions or contact Bostik Technical Service.
- Vinyl-Grip™ 99 is not designed for use under oil-based linoleum.
- Do not use this product when the substrate temperature is below 65°F (18°C) or above 85°F (30°C) or when the relative humidity exceeds 65%.
- Do not use on wet, dusty, contaminated, or friable substrates; do not use over substrates/slabs treated with sealers or curing compounds; do not use in areas subject to hydrostatic head.

- Prior to applying adhesive to rubber stair treads, lightly sand the entire back of the tread and wipe with denatured alcohol to remove any contaminants that may interfere with proper adhesion. This method does not apply to homogeneous recycled rubber flooring used for stair tread applications. Stair tread applications require a different trowel and coverage rate, see below.
- Resilient flooring is available in a wide range of variations with a number of different backings; it is critical that a test is done prior to actual installation using the adhesive and flooring material to confirm compatibility, application techniques, and/or proper performance of the adhesive.
- Vinyl-Grip™ 99 may be used over gypsum-based underlayments, but only in dry, above-grade applications.

### PACKAGING

Vinyl-Grip™ 99 is available in 4 gallon plastic pails (48 pails per pallet), and Cases of 1 gallon pails, 4 per case (36 cases per pallet).

### COVERAGE

Ensure proper adhesive coverage and transfer. Most resilient flooring types require >95% transfer. Trowel sizes listed below are suggested to ensure proper bond while maximizing coverage of adhesive.

### SHELF LIFE

Shelf life is one year from date of manufacturing in unopened, original packaging when stored at temperatures between 65°F (18°C) and 95°F (35°C)

### TROWEL RECOMMENDATIONS

Stair Tread: 1/16" x 1/16" x 1/16" square notch

Coverage: 210-220 square feet per gallon.

All other flooring applications: 1/16" x 1/32" x 1/32" U-Notch

Coverage: 220-260 square feet per gallon.

### CAUTION

MAY IRRITATE EYES, SKIN AND RESPIRATORY TRACT. Do not get in eyes, on skin or on clothing. Do not breathe fumes. Use with adequate ventilation. Wash thoroughly after handling. Store container in a cool, dry area with lid tightly sealed. Do not reuse container.

### KEEP OUT OF REACH OF CHILDREN

### FIRST AID TREATMENT

If in eyes or on skin, rinse with water for at least 15 minutes. If swallowed, call a Poison Control Center or doctor immediately. Do not induce vomiting.

### SEE SAFETY DATA SHEET

**Chemical Emergency:** 800-424-9300 (USA),  
703-527-3887 (International)

**Medical Emergency:** 866-767-5089

### LIMITED WARRANTY

Limited Warranty found at [www.bostik.com/us](http://www.bostik.com/us) or call 800.726.7845. TO THE MAXIMUM EXTENT ALLOWED BY LAW, BOSTIK DISCLAIMS ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. UNLESS OTHERWISE STATED IN THE LIMITED WARRANTY, THE SOLE REMEDY FOR BREACH OF WARRANTY IS REPLACEMENT OF THE PRODUCT OR REFUND OF THE BUYER'S PURCHASE PRICE. BOSTIK DISCLAIMS ANY LIABILITY FOR DIRECT, INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES TO THE MAXIMUM EXTENT ALLOWED BY LAW. DISCLAIMERS OF IMPLIED WARRANTIES MAY NOT BE APPLICABLE TO CERTAIN CLASSES OF BUYERS AND SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. It is the buyer's obligation to test the suitability of the product for an intended use prior to using it. The Limited Warranty extends only to the original purchaser and is not transferable or assignable. Any claim for a defective product must be filed within 30 days of discovery of a problem, and must be submitted with written proof of purchase.

BOSTIK HOTLINE

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