



GreenFusion2™

ULTRA PREMIUM RESILIENT FLOORING ADHESIVE

KEY FEATURES

- Excellent for heavy traffic and rolling loads
- Interior or harsh exterior uses
- 27% rapidly renewable material

DESCRIPTION

Bostik GreenFusion2™ is an ultra premium, high strength, solvent-free, two-component, urethane adhesive. It is specifically formulated for the installation of most rubber, homogenous PVC, solid vinyl and artificial grass carpet in the most demanding environments where extra heavy traffic, rolling loads or extreme climatic conditions may exist or might occur. GreenFusion2™ is a 0-VOC formulation as calculated per SCAQMD Rule 1168 that contains 27% rapidly renewable material.

Once cured, this adhesive is not adversely affected by exposure to moisture or water; its superior properties provide a tenacious bond to a variety of surfaces either indoors or outdoors. GreenFusion2™ has been formulated to exhibit a unique combination of application properties including excellent trowelability, low odor and easy clean up.

GreenFusion2™ may be used over all properly prepared substrates common to resilient flooring installations including; concrete, asphalt, plywood, cementitious-based patch/underlayment, terrazzo, and radiant heat systems.

GreenFusion2™ comes with Bostik's BLOCKADE® antimicrobial protection, which inhibits the growth of bacteria, mold, or mildew on the surface of the dried adhesive; the dried adhesive resists stains caused by mold or mildew.

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. Always do a test area to ensure product satisfaction, including adhesion to substrate, and/or to become familiar with proper application techniques prior to use. Periodically lift away a section of the floor covering to assure that proper coverage is being attained.



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 UltraFinish™, Webcrete® 95™, or Webcrete® 98™ cement patches and/or Bostik SL-150™ Self-Leveling Underlayment. Refer to the use instructions of these products for proper installation.

PLEASE NOTE: Concrete substrate should NOT be smooth and reflective; it must have a concrete surface profile of CSP 1-3 (similar to a light broom finish), as defined by ICRI (International Concrete Repair Institute, Guideline No. 03732). It is advisable to test for adequate substrate texture in several areas throughout the jobsite by sprinkling droplets of water onto the slab. The drops of water should show signs of penetrating the substrate within one minute. This is evidenced by a water stain on the concrete without a “domed” droplet. If no signs of water penetration are shown within one minute and “domed” droplets remain (similar to drops on a car hood) the substrate will need to be mechanically textured.

MIXING

Slowly add Part B (Hardener) into Part A (Resin) and mix for two minutes with a slow speed drill mixer (<150 RPM) until a homogenous mix (uniform color/no streaks) is obtained. Do not over mix, as the pot life will be reduced. Mix full units only; do not mix partial components, or alter components in any way. Components should be a minimum of 60 ° F (15°C) at time of mixing. Do not allow the mixed material to sit in the container. Apply the mixed adhesive to the substrate immediately after mixing.

INSTALLATION

Spread GreenFusion2™ evenly with the proper trowel. Open time is influenced by temperature. For best results maintain adhesive, floor covering, and room at a stable temperature of 50° F (10°C) to 85° F (30°C) for 24 hours before and after installation. Refer to the application instructions below for the recommended installation technique. Within 30-45 minutes, cut, fit and reposition the floor covering as recommended. Roll the installation using the flooring manufacturer's recommendations. Periodically check the back of the floor covering to ensure adequate coverage of the flooring material's backing. Tape and/or weigh seams to ensure proper contact is maintained until the adhesive sets.

Applications over Bostik D-250™ or D-261™ Moisture Vapor Barrier Coatings: GreenFusion2™ may be installed directly over D-250™ or D-261™ without the requirement of a primer or cementitious layer. Refer to the technical data sheets for these products for proper application instructions.

CURE TIME

Higher temperatures affect the rate of cure; the higher the temperature the faster the cure. Under normal conditions (70°F/20°C and 50% RH), light foot traffic is acceptable after 8 to 10 hours; normal traffic after 24 hours.

CLEAN UP AND STORAGE

As you work, immediately clean any adhesive from flooring using a clean rag. Follow flooring manufacturer's recommendation for clean up. Some flooring may not be compatible with solvents such as mineral spirits. Immediately clean all tools and equipment before adhesive cures. Once cured this material can only be mechanically removed which may damage some surfaces. The product should be stored in the original container in a cool, dry place.

LIMITATIONS

- Slab temperature should be between 40°F and 100°F (5°C and 38°C) during installation. Large fluctuations in temperature during installation and cure should be avoided.
- 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.
- Do not allow heavy traffic or rolling loads for a minimum of 24 hours.
- Prior to applying adhesive to rubber stair treads, lightly sand the entire back of the tread and nosing 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.

- Test all concrete slabs for moisture per ASTM F1869 to determine the Moisture Vapor Emission Rate (MVER), or ASTM F2170 to determine RH. For slabs exceeding 6 lbs. per 1,000 sq. ft. (2.72 kg per 92,9 m²) per 24 hours or 80% RH, treat with Bostik's D-250™ or D-261™ Moisture Vapor Barrier Coating. Please refer to D-250™ or D-261™ Technical Data Sheets.

PACKAGING

Each kit contains 1.23 gallons of Part A resin and 1.08 QT (34.5 OZ) of Part B activator.

COVERAGE

Ensure proper adhesive coverage and transfer. Most resilient flooring types require >80% transfer. Trowel sizes listed below are suggested to maximize coverage of adhesive.

STORAGE AND SHELF LIFE

Shelf life is one year from date of manufacturing in unopened, original packaging. Store at temperatures between 50°F (10°C) and 100°F (38°C).

CAUTION

CONTENTS MAY BE HARMFUL IF SWALLOWED OR INHALED. CONTAINS POTENTIAL SENSITIZER. MAY CAUSE ALLERGIC SKIN OR LUNG REACTION. MAY IRRITATE EYES, SKIN AND RESPIRATORY TRACT. Methanol may form during curing. Do not breathe fumes. Do not get in eyes, on skin or on clothing. Use with adequate ventilation or wear mask. Wash thoroughly after handling. Store container in a cool, dry area with lid tightly sealed. Do not reuse container.




FIRST AID TREATMENT

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

KEEP OUT OF THE REACH OF CHILDREN

ADHESIVE INSTALLATION METHOD

Suggested Trowel for Various Flooring Materials

Smooth-backed Products	Smooth-backed Products	Rough-backed Products
Interior applications only, flooring thickness ≤ 4mm	Interior applications only, flooring thickness > 4mm	All exterior applications
Coverage: 332 ft ² per gallon	Coverage: 142 ft ² per gallon	Coverage: 120 ft ² per gallon
 1/32" X 1/16" X 1/32" U-Notch	 1/16" X 1/16" X 1/16" Square Notch	 1/8" X 1/8" X 1/8" Square Notch

Trowel size is suggested to maximize coverage of adhesive. Periodically check coverage of adhesive during installation. Uneven subflooring may require the use of either a leveling/patching material, or a larger notched trowel for proper coverage of adhesive. Always refer to the flooring manufacturer's recommended use instructions for proper trowel selection

CHEMICAL & PHYSICAL PROPERTIES

Use Environments	Harsh Exterior	Yes
	Residential	Yes
	Heavy Commercial	Yes
	Offices/Light Commercial	Yes
	Hospital	Yes
	Hospitality	Yes
	Wet Areas	Yes
Substrates	Concrete	Yes
	Plywood	Yes
	Well-Bonded Vinyl	Yes
	Terrazzo	Yes
	Prepared Metal	Yes
	Asphalt	Yes
Flooring Types	LVT	Yes
	PVC, Sheet	Yes
	VCT	Yes
	Olefin-backed Vinyl	Yes
	Rubber	Yes
	Linoleum	Yes
	Felt-backed Linoleum	Yes
Cured Physical Properties	Dry Time	24 hrs
	Shore Hardness	A92 D35
	Rolling Loads Capacity	Extra Heavy
	Slab Moisture Limits	6 lbs/80%
	pH Resistance	5 to 12
Uncured Physical Properties	Ease of Troweling	Very Easy
	Odor	Moderate
	Working Time	30-45 min
	Color	Beige
	Density (lbs/gallon)	13.2
	Freeze/Thaw	Stable
Chemical Properties	Chemistry Type	2-Part Urethane
	VOC	0 g/L
	Plasticizer Resistant	Yes
	Solvent Free	Yes
	Flash Point	>300°F (148°C)
	% Solids	100%
	Renewable Content	27%

LIMITED WARRANTY

The Limited Warranty for this product can be found at www.Bostik-US.com/resource-center/warranties or by calling 1-800-726-7845 (choose option 2, then option 2 again). 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

Smart help
1-800-726-7845

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