

GERFIX 313 Linoleum Adhesive Data Sheet

Description

Gerfix 313 Linoleum Adhesive is a proprietary, high-performance, wet set adhesive designed specifically for installing Gerflor DLW Linoleum over porous substrates. With its strong, durable, moisture-resistant and alkali-resistant bond, it is ideal for commercial and institutional applications. Gerfix 313 Linoleum Adhesive develops strength quickly, performs well under rolling loads and resists indentation. Its low volatile organic content makes it ideal for use in occupied buildings such as hospitals and medical centers.

Features and Benefits

- Excellent indentation and shrinkage resistance
- Dries quickly with very aggressive tack properties
- Low VOC content

Industry Standards and Approval

- CRI Green Label Plus. Refer to CRI website at www.carpet-rug.org for additional information.
- RFCI IP #1, Recommended Installation Practice for Homogeneous Sheet Flooring

Where to use

- For the installation of DLW Linoleum
- Interior commercial (office buildings, cafeterias)
- Interior heavy commercial (shopping malls, grocery stores, department stores)
- Interior institutional (hospitals, schools, universities, libraries, government buildings)

Limitations

- Do not install over any substrates containing asbestos.
- For interior installations only
- Do not apply over any adhesive residues including cutback adhesive.
- Do not use solvents, liquid paint strippers or chemical abatement to remove old adhesive.
- Do not install when the moisture vapor emission rate (MVER) exceeds 8 lbs. per 1,000 sq. ft. per 24 hours when using the anhydrous calcium chloride test (ASTM F1869).
- Do not install when relative humidity of concrete slabs exceeds 90% when using Relative Humidity test (ASTM F2170).
- Do not install when the pH is equal or greater than 11.
- Use only when the substrate temperature is between 65°F and 90°F (18°C and 32°C).

Suitable Substrates

- Exterior-grade plywood and other approved wood substrates (per the wood-flooring manufacturer's recommendations)
- Concrete (at least 28 days old)
- Properly prepared cement terrazzo
- Cement-based self-leveling underlayments and patching compounds
- Properly prepared and primed gypsum underlayments that meet the ASTM F2419 requirements for compressive strength
- Radiant-heat systems that have been properly installed and that are maintained at a maximum of 85°F (29°C) surface temperature

Consult Gerflor's Technical Services Department for installation recommendations regarding substrates and conditions not listed.

Surface Preparation

- All substrates must be structurally sound, dry, solid and stable.
- Substrate should be clean and free of dust, dirt, oil, grease, paint, curing agents, concrete sealers, loosely bonded toppings, loose particles, old adhesive residues, and any other substance or condition that may prevent or reduce adhesion. All surfaces must be level, even, flat and smooth.

Mixing

Ready to use; no mixing necessary.

Note: Choose all proper safety equipment before use.
Refer to Safety Data Sheet (SDS) for more information.

Product Application

1. Read all installation instructions thoroughly before installation.
2. Use a 1/16" x 1/16" x 1/16" square notch trowel; 100-125 Sq. Ft./Gal.
3. Spread adhesive evenly over the subfloor, keeping the trowel at a 45° angle to the subfloor.
4. Do not allow any flash-time to Gerfix 313 and immediately apply the linoleum into the wet adhesive.
5. Install flooring per the product installation's instructions.
6. Make sure there is a 100% transfer to the back of the linoleum.
7. Roll the flooring with the recommended-weight roller across the width and length of the flooring surface.



Cleanup

1. Promptly clean any adhesive smudges from the flooring material's surface with water while the adhesive is still fresh/wet.
2. Clean tools with water while the adhesive is still fresh/ wet. Clean with mineral spirits once dried. Use caution with mineral spirits, which may be harmful to some materials.

Product Performance Properties

| Laboratory Tests | Results |
|-------------------------------------------|-----------------------|
| Polymer Type | Vinyl Acrylic |
| Percent Solids | 70 to 80% |
| VOCs (Rule # 1168 of California's SCAQMD) | Less than 10 g per L |
| pH | 7 to 9 |
| Trowelability | Light |
| Density | 8.3 lbs. per U.S. gal |
| Consistency | Creamy |
| Color | White |

| | |
|------------------------|-------------------------------------------------------------|
| Shelf Life | 1 years when stored in un-opened original packaging at 73°F |
| Storage Conditions | 40°F to 100°F |
| Flash Point (ASTM D56) | >212°F |
| Protect from Traffic | 24 hours for light traffic, 72 hours for heavy traffic |

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