

# GERFIX 196 Hybrid Multi-Use Adhesive

## DESCRIPTION

Gerflor® Gerfix 196 Hybrid Multi-Use adhesive is a unique, reactive two-part hybrid acrylic adhesive designed specifically for installing Gerflor's homogeneous/heterogeneous sheet, modular, PVC-free flooring and linoleum floor coverings. With its strong, durable, moisture-resistant and alkali-resistant bond, it is ideal for commercial and institutional applications. Gerfix 196 adhesive performs well under rolling loads and resists indentations. Its low volatile organic content makes it ideal for use in occupied buildings such as hospitals and medical centers.

## Benefits

- Designed to bond all Gerflor commercial and sport floor coverings
- 98% RH, when following ASTM F2170 Standard Test Method of Determining RH
- 15 lbs. per 1000 ft<sup>2</sup> in 24 hours, when following ASTM F1869 Standard Test Method for MVER
- Maximum pH limit of 12
- Performs well under rolling loads
- Green Label Plus Certified
- SCAQMD Rule 1168 – VOC Compliant
- SCAQMD Rule 443.1 – Less than 12 g/L
- Recommended for Flashcoving

## Where to use

- Interior institutional (hospitals, schools, universities, libraries, government buildings)
- Interior commercial (office buildings, cafeterias)
- Interior heavy commercial (shopping malls, grocery stores, department stores)

## Limitations

- Do not install over any substrates containing asbestos or mercury
- For interior installations only
- Do not apply over any adhesive residues including cutback adhesive
- Protect containers from freezing in transit and storage. If frozen, material should not be stirred until it has completely thawed. Provide for heated storage on site and deliver all materials at least 24 hours before work begins.
- Use only when the substrate temperature is between 65°F and 90°F (18°C and 32°C)
- Do not use this product under extreme cold or excessive heat

## Suitable Substrates

- Concrete (at least 28 days old)
- Cement-based self-leveling underlayments and patching compounds
- Sanded, underlayment grade plywood, C-C (plugged) or better
- Properly prepared cement and epoxy terrazzo
- 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
- Metal

**NOTE:** Consult Gerflor's Technical Services Department for installation recommendations on substrates and conditions not listed.

## Surface Preparation

1. Refer to ASTM F710 Standard Practice for Preparing Concrete Floors to receive Resilient Flooring, as well as ASTM F3191 Standard Practice for Field Determination of Substrate Water Absorption (porosity).
2. Approved subfloor must be clean, dry, smooth, dust free and contaminate free.
3. All surfaces must be even, flat and smooth.
4. HVAC must be continuously operating at a temperature of no less than 65 ° F (18 ° C) prior to installation.
5. Sweep and damp mop / use shop vac to remove dust.
6. Do not use sweeping compounds.

**NOTE:** Refer to the Gerflor Canada installation handbook for further substrate preparation instructions.

## Mixing

1. Mix the packaged containers, base and activator in their entirety using a variable low-speed drill until you achieve a homogeneous consistency and light pink color.
2. The pot life of the mixed adhesive is 2 hours; after such time, discard the remaining adhesive.

## Product Application

1. Read flooring product related installation instructions thoroughly before installation.
2. Spread the GERFIX 196 using the floor coverings' recommended notch size trowel.
3. For non-porous substrates such as metal and existing flooring allow the adhesive to become clear and tack-up (no transfer to fingers, when lightly touched), approximately 20-30 minutes, depending on humidity, absorbency and temperature of the substrate. For porous substrates, allow adhesive to dry to a tacky state (where there is still light transfer to fingers) and check periodically to ensure there is adequate transfer to the back of the flooring.
4. The working time (to accept floor coverings) is 1-3 hours (substrate porosity, floor backing composition and ambient conditions will all affect open time).
5. For high moisture conditions or difficult to bond flooring materials such as non-PVC, it is recommended that flooring be installed within 1 hr. after adhesive has become clear, and is dry when lightly touched to ensure adequate transfer of adhesive to the back of the flooring.
6. Roll the entire installation with a 100 lb. roller once the flooring is installed.
7. Always roll seams, at the walls, and under toe kicks with a hand roller to ensure 100% transfer of adhesive.

## Cleaning

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

**IMPORTANT:** ALWAYS REFER TO THE GERFLOR INSTALLATION INSTRUCTIONS. THIS DOCUMENT IS GENERIC AND MAY NOT GIVE ALL THE INFORMATION NEEDED TO PROPERLY INSTALL THE FLOORING.

## Product Performance Properties

Laboratory Tests	Results
Polymer Type	Acrylic Polymer
VOCs (Rule # 1168 of California's SCAQMD)	VOC Compliant
SCAQMD Rule 443.1	Less than 12 g/L
Adhesive pH	7 - 9
Trowelability	Light
Density	8.3 lbs. per U.S. gal
Trowel Size	Commercial & smooth backed products: 1/32 x 1/16 x 1/32 U notch trowel. Coverage 425 to 550 sq. ft. per pail  Linoleum: 1/16 x 1/16 x 1/16 Square notch trowel. Coverage 250 to 315 sq. ft. per pail
Consistency	Light Paste
Container Size	2.5 gallons
Color	Base: Off-White Activator: Purple Mixed: Pink
Shelf Life	1 year when stored in unopened original packaging at 70°F (21°C) to 85°F (30°C).
Storage Conditions	Store away from direct sunlight in a well-ventilated, cool, dry area. If storing after opening, remove all air from container and seal tightly.
Flash Point (ASTM D56)	212°F (>100°C)
Protect from Traffic	No heavy foot traffic for 6-12 hours after installation, no heavy rolling loads for 24 hours and no heavy point-loads for 72 hours

**NOTE:** Refer to technical and safety data sheets for complete information regarding uses, application, limitations and safety.

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