



GERFIX 100

APPROVED FLOORING TYPES

RESILIENT: Gerflor DLW Linoleum, Gerflor commercial homogeneous and heterogeneous sheet products, Gerflor LVT, Gerflor Taraflex and Recreation, Gerflor Vinyl Bleacherblok.

APPROVED SUBSTRATES & SURFACES

- ▶ APA underlayment grade plywood*
- ▶ Cementitious and anhydrite screeds
- ▶ Concrete (no sub slab vapor retarder needed)
- ▶ Radiant heated subfloors that do not exceed 85°F (30°C)
- ▶ Gypsum* and lightweight concrete (primed with a universal primer)

SUBSTRATE TESTING

- ▶ **RH** - No testing required [100%] [ASTM F2170]
- ▶ **pH** - No testing required [5-14] [ASTM F710]
- ▶ **MVER** - No testing required [ASTM F1869]
- ▶ **POROSITY** - CSP 1+, must pass [ASTM F3191]

SUBSTRATE & SURFACE PREPARATION

Follow flooring manufacturer's guidelines. Substrate must be prepared per ASTM F710 standards including, but not limited to the following:

- ▶ Concrete floors must be dry, clean, smooth and structurally sound. They shall be free of any foreign materials that might prevent adhesive bond, including dust, dirt, solvent, paint, wax, oil, grease, contaminants from sweeping compounds, residual adhesive, adhesive removers, sealers, fire-retardant chemicals, fungicides, release agents, alkaline salts, excessive carbonation, laitance, mold, mildew, and curing, sealing, hardening or parting compounds.
- ▶ Smooth all surface irregularities with a 100% RH rated patching compound and fill all dormant cracks and non-moving joints with a two-component crack injection product designed for use beneath 100% RH moisture mitigation systems.
- ▶ The substrate, adhesive and flooring must be acclimated in an enclosed building with the HVAC operational at service temperature, between 65-85°F (15-35°C), and between 35-55% relative humidity, for at least 72 hours prior to, during, and permanently after installation.
- ▶ When installing over radiant heated subfloors, refer to the Gerflor USA installation hand book. Failure to do so could result in shorten working times and bond issues.

PRECAUTIONARY NOTES:

- ▶ Concrete must be placed in strict accordance with applicable standards and specifications. Concrete must be fully cured (at least 45 days), without hydrostatic pressure, without pressurized liquid from any source, and free of surface alkaline salt crystallization.
- ▶ When used as a concrete moisture vapor barrier, substrate must be porous per ASTM F3191.
- ▶ Flooring must be acclimated per Gerflor's guidelines.



APPLICATION INSTRUCTIONS

Gerfix 100 may only be used as a wet-set adhesive. Follow flooring manufacturer's guidelines for layout, design and any special precautions for installation.



- Spread adhesive using required tools (see tool chart below). Adhesive ridges will dissipate, and the adhesive does not require back-rolling under normal circumstances.
- Install flooring per the instructions below dependent upon desired application method. (Do not walk, kneel, or work directly on top of flooring without the proper use of knee-boards for at least 60 minutes after flooring is installed).
 - Modular LVT
 - Wait 10 minutes after adhesive is spread to build surface tack and reduce movement.
 - Working time is approximately 45 minutes under acceptable temperature and humidity conditions.
 - Use a hand roller and apply normal pressure to ensure proper bond.
 - Periodically lift flooring material to verify proper transfer of adhesive.
 - Sheet Goods
 - Install flooring immediately after adhesive is spread.
 - Working time is approximately 45 minutes under acceptable temperature and humidity conditions.
 - Periodically lift flooring material to verify proper transfer of adhesive.
- Roll and cross roll floor with a 100 lb (45 kg) roller at the end of the installation to ensure proper transfer of adhesive.
 - Wait 1-2 hours after the installation to roll and cross roll floor a second time

PRECAUTIONARY NOTES:

- Moisture protection applications must have 100% adhesive transfer.
- Use of knee-boards is required when working on top of freshly installed flooring (60+ minutes).
- Wait 6 hours before heat welding sheet goods.
- Wait 6 hours before wet mopping, stripping/finishing the floor.
- Reseal lid when not in use to protect product.

REQUIRED TOOLS AND COVERAGE

*Trowel dimensions are width X depth X spacing. Coverage is approximate and may vary depending on porosity of substrate and the angle at which the trowel is held.

FLOORING TYPES	TOOL* (IMAGES NOT TO SCALE)		ESTIMATED COVERAGE
RESILIENT: Linoleum	1/16" x 1/16" x 1/16" Sq Notch		100-125 ft ² /gal
RESILIENT: Gerflor commercial homogeneous and heterogeneous sheet products, Gerflor LVT, Gerflor Taraflex and Recreation, Gerflor Vinyl Bleacherblok	1/16" x 1/32" x 1/32" U Notch		170-220 ft ² /gal

* It is the sole responsibility of the contractor/installer to determine the proper porosity of the subfloor, apply the correct amount of adhesive for the job conditions and ensure that all instructions, procedures and practices are strictly adhered to.

CLEANING INSTRUCTIONS

While product is still wet: Use mineral spirits.

While product is still soft: Use mineral spirits.

STORAGE

This product should be stored at temperatures between 50-90°F (15-32°C). This product is freeze-thaw stable 10°F (-12°C).

CAUTION

DO NOT take internally. If swallowed, DO NOT induce vomiting. Call a physician immediately. KEEP OUT OF REACH OF CHILDREN.

WARRANTY INFORMATION

For warranty information, visit us on the web at www.gerflorusa.com. Flooring manufacturer's and Gerflor USA's written pre-installation and installation instructions must be strictly followed or the product warranty will be void.

GERFIX 100 2 GALLON PAIL**PRODUCT CHARACTERISTICS**

Product Classification	Moisture barrier, wet-set flooring adhesive
Base Chemistry	Modified urethane (isocyanate free)
Curing Method	Moisture cure
Appearance/Color	Off white
Odor	Extremely low
Consistency	Smooth, low viscosity liquid
Application	Easy troweling
Flammability	Non-flammable
Freeze/Thaw	Stable to 10°F (-12°C) [3 cycles]
Shelf Life [Unopened Container at 70°F]	1 year

TESTING

Moisture Control	Protects flooring against unlimited moisture (100% RH) substrate moisture vapor & topical liquids
RH [ASTM F2170]	No testing required (100%)
pH	No testing required (5-14)
MVER [ASTM F1869]	No testing required
Porosity [ASTM F3191]	Must pass (CSP 1+)

TIME

Open Time	0 min (sheet goods and stair treads)
Flash Time	10 min (tile products)
Working Time	45 min
Cure Time 6 hrs	6 hrs
Pot Life	N/A

TRAFFIC

Light Traffic	3 hrs
Heavy Rolling Loads	8 hrs

SUSTAINABILITY

Solvents	No
Isocyanates	No
VOC Wet Applied [g/L] [SCAQMD Rule #1168]	<0.1 g/L
Bio-Based Content	No
Post-Consumer Recycled Content	No
Mineral Abundant Content Yes	Yes
LEED v4/4.1 Points Contributes to low emitting materials	Contributes to low emitting materials
Certifications	FloorScore®

WARRANTY

Duration	10-Year Performance Warranty, 15 year with Sport Products
Coverage	Bond, 100% Substrate Moisture Vapor, Topical Liquids

For any questions or further information, please contact Gerflor USA at 877-437-3567.

*For warranty information, view Product Warranty Certificate. Moisture warranty only applicable on concrete and self-leveling compounds (rated for 100% RH).