

Gerpur Urethane Adhesive

SINGLE-COMPONENT LOW-VOC REACTIVE ADHESIVE FOR Dry-Tex™ SYSTEM

GERPUR is specially formulated for the installation of Gerflor Sport Flooring with the DTx™ textile backing over concrete substrates with high level of moisture. Follow the recommendations outlined below for the proper use under high levels of moisture. Gerpur is solvent free, contains no hazardous chemicals, and is safe for all indoor installations. It meets California SCAQMD rule 1168 for VOC's requirements. GERPUR is non-flammable and is freeze-thaw stable.

GERPUR can be used above, on, or below grade on properly designed and prepared concrete slabs intended to receive resilient flooring. Respect Gerflor's Full Installation Guidelines regarding heavy rolling (bleachers).

PROCEDURE

Conditions:

1. Installation temperatures must be:
 - $\geq 65^{\circ}\text{F}$ for substrate.
 - $+ 65^{\circ}\text{F}$ to 85°F for ambient conditions.
2. Ambient humidity: $\geq 25\%$ relative humidity.

3. Installation

- Follow all instructions described in Gerflor's Installation Guidelines for the Dry-Tex™ System.
- Follow the procedures for preparation of concrete slabs as defined in ASTM F710 and ACI 302.2 R.
- Floor patching and leveling materials must be Portland-based and rated up to 25 lbs. per ASTM F1869 and 100% RH per ASTM F2170.
- Unroll flooring 24 hours prior to installation for acclimation of product.

4. Preparation and application of adhesive

- Adhesive can be used for moisture conditions up to 25 lbs. per ASTM F1869 and 100% RH per ASTM F2170 when used as part of the Gerflor Dry-Tex™ System.
- For Taraflex Sport Dry-Tex products, apply the adhesive with a 1/16" x 1/16" x 1/16" U-notched trowel. Coverage: 100-125 sq. ft./gal.
- For Mipolam Premium Dry-Tex™, apply the adhesive using a 1/32" x 1/16" x 1/32" notched trowel. Coverage from 175 to 200 sq. ft./US gal.
- It is important to maintain a clean, properly notched trowel. Trowels must be replaced after every bucket of adhesive spread.
- Open time (time before material is placed): 15 to 20 minutes after spreading adhesive.
- Working time: up to 1-hour maximum (open and working times are dependent upon ambient temperature and humidity; too long of a working time will cause poor adhesive transfer).



- Once the material is placed into the adhesive, wait 20 minutes before rolling material in both directions with a 100-lbs 3-section roller. Repeat rolling procedure 1 hour later. To avoid adhesive displacement, do not walk, kneel or work on flooring without the use of plywood strips or knee boards.
- Leftover adhesive may be stored in its original container with a tightly sealed lid. It must be used within 2 days or discarded.
- A skin will form on the adhesive that is stored; this helps to preserve the remaining product and must be removed prior to use.
- Cleanup: Denatured alcohol.

5. Use

- Light foot traffic may resume 24 hours after installation.
- Heavier traffic and the placement of permanent furnishings are permitted 72 hours after installation.

6. Physical and chemical Properties

Appearance:	Beige Paste	Odor:	Slight odor
Physical State:	Paste	pH:	N/A
Vapor Pressure:	N/A	Vapor Density:	N/A
Boiling Point:	N/A	Melting Point:	N/A
Solubility (H2O):	Insoluble	Specific Gravity:	1.40
Evaporation Rate:	N/A	VOC:	6.7 g/L
Octanol/H2O Coeff.:		Flash Point:	>143.6° F
Flash Point Method:	N/A	Upper Flammability Limit (UFL):	N/A
Lower Flammability Limit (LFL):	N/A	Burning Rate:	N/A
Auto Ignition:	N/A		

7. Storage

NOTE: Adhesive is freeze-thaw stable; however, use the following guidelines to protect the integrity of the product:

- Adhesive must be brought to a minimum temperature of 65°F prior to installation of flooring.
- Shelf life: 1 year in sealed container.
- Store in a closed and dry room at a temperature between 40°F and 85°F.
- Do not store outdoor.
- 2.5 U.S. gals.

For any information, please refer to Gerflor Technical Services.



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