

Technical Bulletin 5.13

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Subject: DriTac Eco-5200: Fiberglass Back Sheet Vinyl
Installation Instructions

Following are general guidelines and installation instructions for DriTac Eco-5200 Premium “Green” Pressure Sensitive Flooring Adhesive when installing Fiberglass Back Sheet Vinyl Flooring.

The full-spread professional installation method is the required installation process for all fiberglass back sheet vinyl products. This installation method provides peak performance of the vinyl flooring system and should be used in heavy traffic areas, including kitchens and home offices.

All subfloors must be smooth, dry, clean, flat and free of dirt, grease, wax, paint, oil or anything that would hinder a good bond. Trisodiumphosphate (TSP) can be used to clean vinyl surfaces. When installing over existing, non-cushioned, fully adhered sheet vinyl (no more than 2 layers), TSP can be used for cleaning purposes. For other hard surface products, such as VCT, or ceramic tile, all finishes must be removed to allow a good mechanical bond. Concrete subfloors not meeting this standard must be scoured with 3 1/2 open coat paper (20 grit), then vacuumed clean. When installing flooring over gypsum based levelers, the gypsum must first be sealed/primed and allowed to dry prior to installation of flooring (see gypsum manufacturer’s instructions for recommended sealer/primer).

DriTac requires the use of moisture tests on all concrete and wood subfloors. It is important that the subfloor's moisture percentages do not exceed the flooring manufacturer's or DriTac's recommendations, whichever is lowest. If excessive moisture is present, use an appropriate vapor barrier. All moisture tests must be documented prior to installation for DriTac warranty to be in effect. After moisture testing of the concrete subfloor is complete, if moisture is above limitations, a DriTac Concrete Moisture Control System is required.

The ASTM 1869 Calcium Chloride Method Test method measures moisture emission in concrete. The maximum level for moisture emission when installing all approved resilient flooring is 3 lbs/1,000 sf/24 hours. The ASTM 2170 Relative Humidity (RH) Test measures relative humidity in concrete. DriTac Eco-5200 allows for up to 75% Relative Humidity. Moisture in wood subfloors should be measured with a wood moisture meter. The moisture content should not exceed 12%. Read flooring manufacturer's moisture standards. A moisture meter can also be used to measure moisture in concrete. Follow the instructions carefully. Moisture meters measure wood and concrete differently.

The adhesive, substrate, and floor covering should be acclimated to acceptable temperature and humidity for a minimum of 24 hours before, during, and after the installation. Adhesives applied over non-porous substrates require extended drying time.

- Apply adhesive with recommended roller to approved substrate. It is the installer's responsibility to apply the proper amount of adhesive for the job condition.
- Allow adhesive to completely dry until it will not transfer to the fingers when pressed.
- Lay flooring according to manufacturer's recommendations.
- For permanent installations, (over porous substrates only) install fiberglass back sheet vinyl into the wet adhesive
- Complete the job by using the "Broom Method" or installer's choice for removing air pockets.
- NOTE: Restrict heavy traffic on floor for 24 hours after installation.

Recommended Applicator /Coverage: A smooth surface paint roller up to a 3/8" nap is recommended. Coverage over porous substrates is up to 350 sq. ft./gal. (8.6 sq. meters/liter)). Coverage over non-porous substrates is up to 400 sq. ft./gal. (9.8 sq. meters/liter). NOTE: Coverage is approximate and may vary depending on porosity of substrate and the amount of adhesive applied.

It is ultimately the responsibility of the installer to determine proper drying time of the adhesive, how much set up time is needed for the adhesive, applicable installation method for the product being installed and acceptability of subfloor conditions. The time it takes for the adhesive to cure is related to temperature, humidity, porosity of the subfloor, ventilation and air movement.

For additional information on DriTac Eco-5200 or any of our high-quality and eco-friendly flooring adhesives, please visit us online at www.DriTac.com