

# MILLIKEN LVT ADHESIVE

Increased productivity through a safe, simple, innovative adhesive for use directly over substrates with up to 85% RH and 10 pH Packaged in environmentally conscious EcoPure® biodegradable pail

Milliken LVT Adhesive is a solvent-free acrylic-based adhesive formulated with high bond strength and shear resistance for installing Milliken Luxury Vinyl Tile flooring. Milliken LVT Adhesive has low odor and is made with MicroSept™ broad spectrum antimicrobial protection to improve mold and fungal resistance.

## SUBSTRATE PREPARATIONS

Suitable substrates include above, on or below grade concrete (within moisture and alkalinity specifications), well-bonded and properly-prepared tile or sheet goods, APA underlayment grade plywood and radiant heated floors (85°F and below). All substrates must be clean, smooth, dry and free of waxes, existing adhesives, dirt, dust, grease, oil, paint curing compounds or sealers. This adhesive cannot be used over chemically cleaned substrates.

Milliken LVT Adhesive can be used on concrete substrates with in-situ Relative Humidity (RH) up to 85% as measured per latest version of ASTM F2170, and with pH between 7.0-10.0. Site conditions, floor preparations, and moisture and alkalinity must comply with current ASTM F710 guidelines.

**INSTALLATION PROCEDURES:** The installation site must be acclimated with HVAC in operation. The floor and room temperature, as well as flooring materials and adhesive, must be maintained at 65°– 85°F, and the humidity between 40–65% for 48 hours prior to, during, and after the testing and installation. Follow Milliken's installation instructions and proper adhesive application rate.

## RECOMMENDED TROWEL

- 1/16" x 1/32" x 1/32" U-Notch Coverage: 220–260 ft<sup>2</sup>/gallon

## POROUS SUBSTRATES

- When installing LVT over a porous substrate, the adhesive should be allowed to dry to the touch sufficient to prevent slippage. Loss of adhesion can result if the flooring is not installed within the working time of the adhesive. Roll the installation in both directions with a 100 lbs. 3-section roller immediately after the installation is complete.

## NON-POROUS SUBSTRATES

- Install LVT into adhesive as it becomes dry to the touch with little or no transfer to finger when touched. This will normally require 30–60 minutes of drying time at suggested installation temperature and humidity. Do not install flooring into wet adhesive on non-porous substrates. Roll the installation in both directions with a 100 lbs. 3-section roller immediately after flooring is placed, ensuring complete contact with adhesive.

## TRAFFIC

Restrict all traffic for 24 hours after installation. No heavy traffic, rolling loads, or furniture placement for 72 hours after installation. Additional time

may be necessary if the installation is over a non-porous substrate. Allow at least five days following the installation before conducting wet cleaning procedures or initial maintenance.

## SHELF LIFE

2 years from date of manufacture in unopened, properly stored container.

## LEED PROGRAM CREDITS (where applicable)

- IEQ Credit 4.1–Low Emitting Materials
- IEQ Credit 4.3–Low VOC ratings help qualify installations for this credit as part of a flooring system.
- MR Credit 5–Regional Materials–on jobsites within 500 miles from manufacturing location: Dalton, GA 30721 USA.

VOC content is below that established by California SCAQMD Rule 1168.

## 24-HOUR EMERGENCY IN THE USA: Chemtrec 1-800-424-9300

## PRECAUTIONARY STATEMENTS

Keep container tightly closed. Store in cool/well-ventilated place. Avoid getting in eyes or on skin.

Wear protective gloves/eye/face protection. Do not eat or drink when using this product. Avoid release to the environment. Dispose of in accordance with local, regional, national, international regulations as specified.

In case of eye contact, flush with water for 10–15 minutes. If irritation persists contact a physician. If prolonged skin contact causes irritation, wash with soap and water. If swallowed, consult a physician. Read SDS for detailed product information. SDS may be obtained by calling 800-528-8453, Option 2.

## DISCLAIMER

Users should determine the suitability of this information or product for their own particular purpose or application. Manufacturer is not responsible for the misuse of this product. This information conveyed herein supersedes all previous versions.

Due to the many additives being used in or on concrete slabs, it is critical that a bond test be performed. Some treatments will repel any sealer or adhesive. If usage instructions are not completely followed, DO NOT USE THIS PRODUCT.

If questions remain, call Milliken Technical Service at 1-800-528-8453, Option 2.