

# DUCHATEAU

## LVT Adhesive

### TECHNICAL DATA SHEET (TDS)

#### **PRODUCT DESCRIPTION:**

DUCHATEAU® Professional Grade LVT Adhesive is a solvent-free transitional adhesive with aggressive tack designed for the installation of vinyl and non-vinyl backed modular carpet tile, luxury vinyl tile (LVT), luxury vinyl plank (LVP), sheet flooring, VCT and fiberglass reinforced vinyl sheet. Professional Grade LVT Adhesive is made with an advanced antimicrobial system to protect the adhesive from bacterial and fungal growth. When used with vinyl tile, vinyl plank and vinyl sheet flooring, Professional Grade LVT Adhesive provides a tenacious bond

#### **BEFORE YOU BEGIN:**

Important: Proper substrate preparations are essential. Moisture testing must be performed and documented before installation begins. Read Technical Bulletin titled Substrate Preparation for complete instructions before beginning installation.

#### **INSTALLING PVC AND NON-PVC CARPET TILE:**

Spread the adhesive with an appropriate trowel, and allow to dry completely before placing tiles for a releasable installation. Drying time is approximately 30-60 minutes, depending on ambient humidity and temperature. Be sure to install flooring during the working time of the adhesive, up to 4 hours after it dries completely.

#### **INSTALLATIONS:**

Follow the DUCHATEAU's installation instructions and guidelines regarding adhesive application rate and method. Always roll the installation in both directions with a 75-100 lbs. 3-section roller immediately after flooring is placed, ensuring complete contact with adhesive.

#### **INSTALLING OVER NON-POROUS SUBSTRATES:**

Install vinyl sheet, tiles and plank flooring 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. Be sure to install flooring during the working time of the adhesive, up to 4 hours after it becomes dry to the touch. Do not install flooring into wet adhesive over non-porous substrates.

#### **INSTALLING OVER POROUS SUBSTRATES:**

Vinyl sheet flooring may be placed into adhesive after 10-20 minutes open time (flash-off) over a porous substrate. Be sure to install flooring during the working time of the adhesive, up to 4 hours after flash-off. When installing vinyl plank and tile 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.

#### **TRAFFIC:**

Follow DUCHATEAU'S installation guidelines; otherwise restrict foot 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.

#### **CLEAN UP:**

Use a clean wet cloth to clean up adhesive while still wet. Dried adhesive may require the use of an appropriate solvent.

**TROWEL RECOMMENDATION AND COVERAGE:**

1/16" x 1/32" x 1/32" U- notch , 220-260 square feet per gallon

**USE WITH:**

PVC modular carpet tile; with limitations, Non-Vinyl-backed modular carpet tile, Luxury vinyl tile (LVT), Luxury vinyl plank (LVP), Resilient sheet vinyl, with limitations, Vinyl composition tile (VCT), Fiberglass-reinforced sheet vinyl

**SUBSTRATE CONDITIONS:**

Approved over bare concrete substrates with up to 99% RH for flooring installed on or above grade (per current ASTM F2170), and pH of 12.0 or less.

***Condition Limitations Note:***

For sheet vinyl, RH is limited to 90%, per current ASTM F2170. Vinyl PVC modular carpet tile, RH is limited to 95%, per current ASTM F2170 and pH of 10.0 or less.

**LIMITATIONS:**

Do not allow product to freeze. Do not use on substrates that have been chemically cleaned or over treated plywood. Do not use to install vinyl-backed flooring over asphalt-based (cutback) adhesive residues. This adhesive does not protect floor coverings from the effects of pH and moisture. Please follow DUCHATEAU's installation instructions, paying special attention to moisture and pH limitations.

**SHELF LIFE:**

1 year from date of manufacture in unopened, properly stored container. Avoid excessive heat or cold.

**PROTECT FROM FREEZING.** Store indoors at a temperature of 65°-95°F.

**LEED v4 PROGRAM CREDITS (where applicable)**

- IEQ Credit 2.1, 2.2: Low Emitting Materials
- VOC content is below that established by California SCAQMD Rule 1168.
- California Section 01350 compliant

***DISCLAIMER:***

*Users should determine the suitability of this information or product for their own particular purpose or application. This adhesive does not protect floor coverings from the effects of pH and moisture. Please follow DUCHATEAU's installation instructions, paying special attention to moisture and pH limitations. This product is not designed and not to be used with unstable floor-coverings. This adhesive is not a moisture barrier and should not be installed/treated as such. This adhesive is not a substrate moisture sealer and does not form a protective barrier and is only warranted to maintain an adhesive bond when used over concrete substrates conforming within the specified restrictions of ASTM 2170 in-situ Relative Humidity and pH readings. A functional working moisture barrier/retarder under the existing slab must be in place to use this product. Always follow DUCHATEAU's guidelines for flooring moisture limitations. This product is not for use with moisture sensitive flooring. Manufacturer is not responsible for the misuse of this product.*