

# DrySet

## 95% RH Roller Applied LVT Adhesive

---



**Karndean**  
Designflooring

DrySet is a solvent free, easy to use advanced aqueous adhesive suitable for interior installations of luxury vinyl tile (LVT). The adhesive is applied using a 3/8" nap paint roller and dries quickly to facilitate fast installation times. Coverage is approximately 350-450 square feet per gallon.

Advantages: 95% RH • Roller-applied with a 3/8" nap roller • Dries fast in as little as 15 minutes  
Outstanding shear resistance

### Substrate Preparation:

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.

NOTE: A CLEAN SUBSTRATE IS ESSENTIAL! Suitable substrates include on or above grade concrete (within moisture and alkalinity specifications), one layer of well adhered non- cushioned properly prepared VCT, Sheet Vinyl, Ceramic tile, Stone or Terrazzo, 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 rubber products or chemically cleaned substrates.

DrySet may be used over concrete substrates with moisture readings up to 95% in-situ Relative Humidity (RH), moisture vapor emission rate up to 8lbs., and pH between 8.0 – 10.0. Prior to installation, moisture testing of concrete slabs is required to be performed in strict accordance with the latest versions of ASTM F2170 to determine in-situ RH, and for moisture vapor emission rate (MVER) per ASTM F1869. All substrate preparation and testing procedures must conform to appropriate ASTM F710 guidelines.

Wood floors must be double construction with a 1" minimum thickness, structurally sound, securely fastened and free from deflection/spring. Top layer of wood shall be underlayment grade plywood. Cracks and uneven surfaces must be filled with an approved cement-based patching compound.

### Application:

A roll-on application method is recommended to achieve a smooth even full spread of 10 to 12 mils thick. 3/8 Nap roller must be fully saturated for proper coverage. Spread rate and drying time of the adhesive will depend on the porosity and texture of the substrates and the ambient temperature and relative humidity. Note: For installations with Karndean's LooseLay, LooseLay Long Board, or for applications over very porous substrates, profiled floors (> CPS2), or membranes (like Kovara), a second coat of DrySet should be applied, with the second coat being applied after allowing the first coat to dry completely (the dry film will have slight residual tack).

continued...

# DrySet

## 95% RH Roller Applied LVT Adhesive



### Installation:

The completed application of DrySet must be allowed to dry and kept clean and apart from any contact with other surfaces until ready to begin the bonding process. Do not spread more adhesive than can be covered in 8 hours. Once the DrySet has dried, (Temperature and relative humidity will determine the actual amount of open time needed and the adhesive's working time), carefully position the flooring tiles to achieve a precise fit and proper alignment before pressing or rolling the assembly. Once in place, use a hand roller to lock the tiles in place. When all the tiles are down, roll the entire assembly in both directions with 100 lb. roller to achieve full adhesive contact within the 8-hour open time of the adhesive and at the end of the entire installation.

Note: After the assembly is rolled or pressed into place, re-positioning is usually not possible. Normal traffic on flooring installations may resume as soon as the installation is completed. Do not allow standing water for the first 48 hours. Remove any large moisture spills that occur in the first 48 hours.

### Clean-up:

Wipe up spills and drips with a clean wet cloth. Dry adhesive may require the use of an appropriate solvent cleaner.

### 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 5.1 & 5.2 - Regional Materials—on jobsites within 500 miles from manufacturing location: Dalton, GA 30721
- MR Credit 2.1 - Construction Waste Management, reducing amount of waste to landfills VOC content is below that established by California SCAQMD Rule 1168.

### PRECAUTIONARY STATEMENTS:

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. Safety glasses and gloves are recommended if contact is expected.

Dispose of in accordance with local, regional, national, international regulations as specified. 24-hour Emergency: Chemtrec-800-424-9300

### SUPPLEMENTAL INFORMATION:

Shelf Life: 2 years 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. DOT Hazard Class: Unregulated.

Read SDS for detailed product information. SDS may be obtained by calling 888-266-4343.

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 Technical Data sheet and the information conveyed herein supersede all previous versions. 10.16.2015