

# TR-617-4

## Transitional Multi-use Adhesive

**Moisture resistant**  
**Solvent-free**  
**Firm set**

Cobalt T-617-4 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. Cobalt T-617-4 is made with an advanced antimicrobial system to protect the adhesive from bacterial and fungal growth. When used with carpet tiles, this adhesive is formulated for releasing and re-bonding while permanently retaining its tack, allowing individual tiles to be lifted out and replaced without substantial loss of adhesive properties. When used with vinyl tile, vinyl plank and vinyl sheet flooring, Cobalt T-617-4 provides a tenacious bond.

**PRE-INSTALLATION:**

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.

**INSTALLATIONS:**

Follow the flooring manufacturer'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 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 6 hours after it dries completely.

**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 6 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 6 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 the flooring manufacturer'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.

**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.

**SUBSTRATE CONDITIONS:**

Use on concrete substrates with up to 90% RH for flooring installed on or above grade (per current ASTM F2170), and pH of 8.0-10.0.

**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 manufacturer's installation instructions, paying special attention to moisture and pH limitations. 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 the flooring manufacturer 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. This Technical Data sheet and the information conveyed herein supersede all previous versions.

- LEED v4 Program Credits** (where applicable)
- IEQ Credit 4: Low Emitting Materials
  - VOC content is below that established by California SCAQMD Rule 1168.
  - Compliant with CA Section 01350

**Trowel Identification:** (Images are not to scale, always use the proper trowel and replace blade when worn to achieve correct coverage)

1/16" x 1/32" x 1/32"



**Cobalt Surfaces**

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8-12  
pH

99%  
RH

For installations of non-vinyl backed modular carpet tile, LVP, LVT, VCT

8-12  
pH

90%  
RH

Note different limits when using for installations of sheet vinyl

8-10  
pH

95%  
RH

Note different limits when using for installations of vinyl PVC modular carpet tiles