Product Datasheet

PREMIUM – VCT Adhesive

VCT 7

For the fast installation of vinyl composite tile

DESCRIPTION:

UZIN VCT 7 is a clear thin-spread adhesive that provides a fast, strong bond for VCT installations to receive light traffic immediately after placement.

SUITABLE FOR:

- Interior use only
- Concrete substrates up to 90% RH
- Absorbent and non-absorbent substrates
- Vinyl composite tile (VCT)
- Use over well-bonded VCT
- Use over securely attached APA underlayment-grade plywood and OSB
- Use over new or old cement-based self-leveling compounds and patching compounds
- Use over well-bonded cutback adhesive residue*
- Use over Terrazzo & VCT (properly prepared with all waxes and surface finishes removed)
- Residential and commercial applications
- Use with radiant floor heating systems

*See “Substrate Preparation” for additional information

UZIN VCT 7 – RH % & pH LEVEL LIMITATIONS	RH % (ASTM F2170)	pH (ASTM F710)
Clean concrete above grade. On or below grade with intact vapor retarder present beneath concrete (ASTM E1745)*	< 90 % (maximum)	Between 5 – 9
IMPORTANT: Adhesive products are not designed to be used as moisture barriers. Moisture mitigation must be addressed prior to adhesive application. When applying UZIN VCT 7 over UZIN substrate preparation products or other manufacturers products, please review individual product RH % and pH level limitations. UZIN product data sheets are available online at us.uzin.com.		

* See ‘Substrate Preparation’

MADE IN U.S.A.

LEED® contributing product

floor score by SCScertified



FEATURES AND BENEFITS:

- Releasable initial bond • Easy adjustment & repositioning of VCT
- Moisture tolerant up to 90% RH
- Quick bond development • Can receive light traffic immediately
- 24-hour working time • Allows for convenient installation

TECHNICAL DATA:

Packaging	4 gal (16.6 kg/15.1 L) pail
Storage	Min. 24 months (protect from freezing)
Color	Beige
Coverage	880–1,200 sq.ft./pail (81–111 m²/pail)* 220–300 sq.ft./gal (up to 27 m²/gal)*
VOC	< 15 g/L
Flash time	15–60 mins**
Working time	Approx. 24 hrs**
Ready for foot traffic	Immediately
Ready for covering	See flash time
Minimum application temperature	60°F (15°C) at floor level
Final strength	Approx. 48 hrs
Fire reaction	Non-flammable
Frost resistance for 3 cycles	10°F (-12°C)

*Coverage is approximate and could vary depending on substrate porosity and the angle at which trowel is held. It is the sole responsibility of the contractor / installer to determine the proper porosity of the subfloor, apply the proper amount of adhesive for the job conditions and ensure that all instructions, procedures and practices are strictly adhered to.

**Flash time and working time may vary based on temperature, humidity, substrate porosity, trowel size and jobsite conditions.

VCT 7

PRODUCT PROPERTIES:

UZIN VCT 7 is a clear thin-spread adhesive that provides a fast, strong bond for VCT installations to receive light traffic immediately after placement. Suitable for use over absorbent and nonabsorbent substrates.

SUBSTRATE PREPARATION:

The subfloor must be structurally sound, solid, dry, free from active cracks, clean, and free of all contaminants, including but not limited to dust, grease, oil, paint, wax, curing, and sealing compounds, or cleaning solution residue that would impair adhesion. If necessary, mechanically prepare and clean the surface by grinding, shot blasting, or sanding, and thoroughly vacuum off all loose material and dust following OSHA recommended guidelines. Do not use sweeping compounds. Any weakly bonded or soft surface material, such as loose patching compounds, leveling compounds, floor coverings, or coatings, must be removed. Do not apply this product over any acid-etched or chemically abated adhesive surfaces. Wood substrates must provide a rigid base and be securely fastened without excessive vertical movement. The surface of the wood must be clean and free of oils, grease, wax, dirt, varnish, shellac, and any contaminates that would impair adhesion. If necessary, sand down to bare wood. Do not apply UZIN products directly to fire-retardant or pressure-treated wood surfaces. Please refer to the UZIN Substrate Preparation Guide for additional information.

CAUTION: Inhalation of asbestos dust may cause asbestosis or other serious bodily harm. Do not sand, grind, or disturb any surface or adhesive residue that may contain asbestos or lead, as harmful dust may result. Refer to the Resilient Floor Covering Institute's publication "Recommended Work Practices for Removal of Resilient Floor Coverings" for instructions.

Substrate Moisture Testing and Assessment

Evaluate concrete substrates following ASTM F710 guidelines. Select a suitable UZIN moisture vapor retarder if required. Always reference the limitations of the UZIN products and floor covering. If these limitations are in conflict, the most stringent requirements shall apply.

Apply an adequate number of test areas, including the floor covering, to evaluate the bond and suitability of the selected UZIN products for their intended use.

APPLICATION:

Follow the floor covering manufacturer's instructions for layout, design, and any special precautions or recommendations, including floor covering RH % moisture limitations.

1. Optimum product application conditions are 65–95 °F (18–35 °C) and relative humidity between 30–65%.
2. Before use, allow product to acclimate to room temperature.
3. Spread adhesive using the recommended trowel (see application chart).
4. Wait approximately 15–60 minutes after the adhesive is spread and allow it to dry to the touch. Working time is approximately 24 hours under acceptable HVAC temperature and humidity conditions. Adhesive must properly transfer to the flooring.
5. Install floor covering.
6. After installation, roll the floor covering in both directions using a 75–100 lb (34–45 kg) roller.
7. Coverage rate up to approx. 220–300 sq. ft. per gal.
8. Clean tools immediately after use.
9. Product is dry to accept foot traffic immediately.
10. Wait 72 hours before maintenance, cleaning, or polishing procedures.
11. Product has a minimum 24-month storage life in original packaging when stored indoors in dry conditions.

COVERAGE *

VCT	Trowel* (Image not to scale) (dimensions are width X depth X spacing)	Approximate Coverage*
Absorbent substrates	 1/16" x 1/32" x 1/32" (1.6 mm x .8 mm x .8 mm) U Notch	Up to 220 sq. ft. / gal.
Non-absorbent substrates	 1/16" x 1/32" x 5/64" (1.6 mm x .8 mm x 2 mm) U Notch	Up to 300 sq. ft. / gal.

* Coverage is approximate and could vary depending on substrate porosity and the angle at which trowel is held. It is the sole responsibility of the contractor/installer to determine the proper porosity of the subfloor, apply the proper amount of adhesive for the job conditions and ensure that all instructions, procedures and practices are strictly adhered to.

IMPORTANT NOTES:

- Tightly reseal opened packaging and use the contents as quickly as possible.
- Dry time will vary depending on substrate surface porosity.
- High temperatures and low humidity will accelerate drying.
- Low temperature and high humidity will delay drying.
- Do not apply to wet surfaces. Observe surface temperature at a minimum 5°F (3°C) above the dew point with temperature on the rise during application.

The above information is based on our experience and testing. Uzin Utz North America, Inc. is not responsible for the variety of associated materials and variable construction and working conditions that occur on jobsites. The quality of your work depends on your own professional judgment and product usage. If in doubt of any application recommendation or instruction, conduct a small test or obtain technical advice. Observe the installation recommendations of the floor covering manufacturer. The publication of this Product Data Sheet invalidates all previous product information. us.uzin.com | 10/2026

- Porous substrates (gypsum or lightweight concrete) should be primed using diluted UZIN PE 260 or PE 360 PLUS in advance of adhesive application.
- The substrate, adhesive, and flooring must be acclimated in an enclosed building with the HVAC operational between 65–95 °F (18–35 °C), and between 30–65 % relative humidity, for at least 72 hours before, during, and after the installation.
- Floor coverings must be dimensionally stable and sufficiently acclimatized per the flooring manufacturer's recommendations.
- When installing over radiant heated subfloors, turn the heat off (or maximum surface temperature of 60 °F/15 °C) for 24 hours before, during, and after installation. Failure to turn the heat off may result in the shortened working time of the adhesive. When turning radiant heat back on, raise it incrementally, not to exceed a change of more than 5 degrees per hour to a maximum of 85 °F.
- Do not install when relative humidity of concrete slabs exceeds 90 % RH (ASTM F2170).
- Do not install when the moisture vapor emission rate (MVER) exceeds 8 lbs. (ASTM F1869).
- Substrate pH must be between 5–9 (ASTM F710).
- Concrete must be placed in strict accordance with applicable standards and specifications. An intact moisture vapor retarder must be present below the concrete (see ASTM E1745), must be fully cured (at least 28 days), and without hydrostatic pressure.
- While product is still wet: use a damp cloth and water to remove adhesive.
- The following standards, regulations, and publications are applicable and especially recommended:
  - ASTM E1745 "Standard Specification for Plastic Water Vapor Retarders Used in Contact with Soil or Granular Fill under Concrete Slabs"
  - ASTM F1482 "Standard Practice for Installation and Preparation of Panel Type Underlayments to Receive Resilient Flooring"
  - ASTM F710 "Standard Practice for Preparing Concrete Floors To Receive Resilient Flooring"
  - ASTM F2170 "Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes"
  - ASTM F1869 "Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride"

COMPOSITION:

Polymer dispersion, preservation agents, mineral aggregates, additives and water

PROTECTION OF THE WORKPLACE AND THE ENVIRONMENT:

Precautions: Carefully read and follow all precautions and warnings on the product label. For complete safety information, please refer to the Safety Data Sheet (SDS) available at www.uzin.us.

DISPOSAL:

Dispose of the material in accordance with applicable laws and regulations. Where possible, collect product residues and re-use. Avoid product to get in contact with soil, waterways, drains, or sewers. Empty containers or liners may retain product residues.

INDOOR AIR QUALITY INFORMATION

VOC content: < 15 g/L, compliant with SCAQMD 1168

VOC emission: 0.5mg/m3 or less TVOC emission per CDPH Method v1.2

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