

2057



SUPERIOR

VCT Adhesive

1. PRODUCT NAME

ROBERTS® 2057 VCT Adhesive

2. MANUFACTURER

Roberts Consolidated Industries, Inc.
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Dalton, GA 30721
(866) 435-8665 / (706) 277-5294

3. DESCRIPTION

ROBERTS 2057 is a premium, clear thin spread adhesive designed for the installation of vinyl composition tile (VCT).

Features and Benefits

- Moisture Control Adhesive – Up to 8 lbs MVER (ASTM F1869) / 85% RH (ASTM F2170)
- Dries clear, allowing chalk lines to remain visible
- Good residual tack and extended working time
- Enviro-Friendly – solvent-free and LEED® compliant; VOC < 1 g/L, SCAQMD Rule 1168
- CRI Green Label Plus® Certified – GLP #36471
- GoldGuard® antimicrobial product protection
- Traffic – Heavy Residential/Moderate Commercial

Uses

For adhering vinyl composition tile (excluding self-stick), including tile-over-tile installation.

Coverage and Trowel Options*

1/16" x 1/16" x 3/32"

Flooring: Vinyl Composition Tile (VCT)
Coverage: 160-180 ft² per gallon

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

Flooring: Vinyl Composition Tile (VCT)
Coverage: 170-190 ft² per gallon

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

Flooring: Tile-Over-Tile
Coverage: 220-240 ft² per gallon

**The trowel notches referenced are those typically recommended for the type of flooring being installed and are shown as a guide. Consult flooring manufacturer for their specific trowel recommendations.*

Substrates

Concrete, APA rated plywood, one layer of well bonded, existing VCT (free of wax/finish), aged cutback adhesive residue, primed gypcrete (refer to ASTM F2419) and terrazzo. All substrates must be flooring rated.

Limitations

- For interior installations only.
- Do not use for luxury vinyl tile (LVT) or plank (LVP) or solid vinyl-backed products.
- Do not install VCT over self-stick tiles.
- Ensure adequate ventilation during flooring installation.
- Refer to Safety Data Sheet, www.robertsconsolidated.com, industry standards, and manufacturer's guidelines and specific recommendations prior to installation for additional information.

4. TECHNICAL DATA

Product Type:	SBR Latex
Color:	Creamy tan
Odor:	Very mild, non-offensive, odorless when dry
Open Time:	Up to 60 minutes
Working Time:	Up to 8–12 hours
VOC:	< 1 g/L
MVER:	8 lbs or less (ASTM F1869) / 85% RH or less (ASTM F2170)
pH:	Must not exceed 10.0
Shelf Life:	1 year in unopened container
Storage:	Protect from freezing. Does not require thinning.



5. INSTRUCTIONS

Preparation

Subfloors must be structurally sound, dry, smooth, flat ($\leq 3/16"$ within 10'), level and free of excess moisture/alkali and all substances (oil, wax, grease, paint, oil based sealers, adhesive residue, etc.) that may inhibit the bond of the adhesive or the performance of the flooring or its installation.

Ensure the appropriate flatness/smoothness to prevent "show through" (telegraphing).

Moisture testing must be performed in accordance to ASTM F1864 with levels net to exceed 8lbs/100ft²/24 hours and/or ASTM F2170 with levels net to exceed 85% RH.

All substrate cracks, chips, holes, joints, high spots and irregularities must be adequately repaired. Expansion or other moving joints must not be filled or covered with flooring. Patching compounds must be suitable for the use application, cement based and polymer-modified and applied according to the manufacturer's instructions.

Expansion or other moving joints must not be filled or covered with flooring. Refer to ASTM F710 Standard Practice for Preparing Concrete Floors.

Wood – Subflooring, such as APA underlayment rated plywood, hardwood, oriented strand board (lightly sanded), or other materials, must be flooring grade and installed to the manufacturer's specifications with adequate ventilation and moisture protection. Ensure wood substrates have a minimum 18 in. crawl space with adequate ventilation and moisture barrier protection. Cracks, chips and joints must be properly patched or repaired. Refer to ASTM F1482 Standard Practice for Installation and Preparation of Panel Type Underlayments to Receive Resilient Flooring.

Existing vinyl composition tile must be limited to one layer, well bonded and on or above grade. Remove all wax, floor finishes, dirt and contaminants that may interfere with the bond. Typically a smaller trowel such as 1/16" x 1/32" x 1/32" square notch is recommended due to the lower porosity of the existing VCT. Check flooring manufacturer's recommendations as not all manufacturers recommend tile over tile installation.

Installation

Materials and area temperature must be between 65-95°F with a maximum RH of 65% for 48 hours before and during installation as well as for 72 hours afterward. Large temperature or humidity increases or decreases can affect the flooring and performance of the installation.

Spread adhesive uniformly. Allow adhesive to turn clear and become tacky. When touched with a finger, the adhesive should not transfer to the finger. The amount of time in which the adhesive becomes tacky will vary with temperature and humidity.

Adhesive will remain tacky for approximately 8 to 12 hours. If tile is not installed as soon as the adhesive has become tacky, it is important to ensure that no contaminants (dust, etc.) settle on the surface of the adhesive prior to installing flooring as this may result in a bond failure.

Gently place VCT onto the adhesive and reposition as necessary. Once positioned press firmly into place. Roll flooring with manufacturer's recommended roller, such as ROBERTS 100 lb. Floor Roller (10-952).

Curing

Up to 24 hours. High temperature and low humidity will cause the adhesive to cure faster.

After installation, restrict foot traffic and moving of heavy objects for 24–48 hours to allow adhesive to cure properly. Premature traffic can cause installation failure. Protect flooring from water for 4 days and standing water (i.e. cleaning) for 30 days.

Clean-up

Fresh adhesive – warm soapy water.

Dried adhesive – use mineral spirits sparingly with a clean, white cotton cloth. DO NOT POUR DIRECTLY ONTO FLOORING.

6. AVAILABILITY

Packaging

4 gallon Plastic Pail (15.14 L)	2057-4	075378205746
1 gallon Plastic Pail (3.78 L)	2057-1	075378205715
1 quart Plastic Pail (946 mL)	2057-0	075378205708

7. WARRANTY

15-Year Moisture Control / 15-Year Direct Bond / 7-Year Double Bond

ROBERTS warrants that this product will be free from manufacturing defects for 12 months from the date of manufacture, when applied in accordance with ROBERTS' instructions and industry standards. ROBERTS' sole liability is to either supply new product or refund the original purchase price. **This limited warranty excludes all other express warranties including the warranties of merchantability for a particular use or purpose.** Any implied warranties arising by operation of law are limited to one year. ROBERTS will not be liable for any incidental or consequential damages.

Visit www.robertsconsolidated.com for full warranty details.

8. MAINTENANCE

Not applicable.

9. TECHNICAL SERVICES

For technical assistance or installation questions not covered in this document, please contact our Technical Services Department at (706) 277-5294 or visit robertsconsolidated.com.

10. FILING SYSTEM

Division 9



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