

# HENRY®

The Professional's Formula For Success™

# HENRY® 420

## Clear VCT (Vinyl Composition Tile) Floor Adhesive

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### For installing vinyl composition tile (VCT)


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- Up to 18 hour working time
- Moisture and alkali resistant
- Can be used over “cutback” adhesive residue
- Dries clear-chalk lines show through
- Anti-microbial product protection

#### Trowels & Coverage

See “Installation” section for adhesive usage guidelines based on notch size.

1/32" =  1/32"D x 1/16"W x 5/64"A  
250 - 300 sq. ft. / gallon (6.1 - 7.3 sq. m / L)

1/16" =  1/16"D x 1/16"W x 3/32"A  
150 - 250 sq. ft. / gallon (3.6 - 6.1 sq. m / L)

**GREENLINE**  
ENVIRONMENTAL TECHNOLOGY



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# HENRY® 420

## Clear VCT (Vinyl Composition Tile) Floor Adhesive

### Description

HENRY 420 is designed to install vinyl composition tile (VCT) in residential and commercial installations. HENRY 420 dries clear and has strong initial grab and ultimate bond strength.

### Use For

Vinyl composition tile (VCT). Not for use with solid vinyl tiles and planks or other vinyl-backed floor structures.

### Bonds To

Refer to the flooring manufacturer's specific recommendations for suitable substrates.

- **Porous:** Concrete, cementitious underlayments, APA grade underlayment plywood (untreated) and radiant heated subfloors where temperatures do not exceed 85°F (29.4°C) on all grade levels. Can also be used over properly primed gypsum underlayments (above-grade only).
- **Non-porous:** Existing, well-bonded, non-cushion-backed vinyl tile and sheet flooring and existing "cutback" adhesive.

### Preparation

- Refer to the flooring manufacturer's specific recommendations.
- Acclimate the installation area, adhesive and flooring in an enclosed building at a minimum of 65°F (18°C) for at least 48 hours before, during, and for 48 hours after installation.
- Substrate must be sound, smooth, flat, clean, dry and free of excess moisture and alkali. Mechanically remove dirt, wax, grease, paints, oils, sealers, curing compounds and all foreign matter that would interfere with proper adhesion. Fill all cracks, holes and low spots with a polymer modified, cementitious patching or leveling compound. Please note that when removing existing flooring, any asbestos-containing materials should be handled and disposed of in accordance with applicable federal, state and local regulations.
- Existing "cutback" adhesive must be prepared to a thin, well-bonded residue using the wet-scraping technique as recommended by the Resilient Floor Covering Institute. The prepared residue should appear as nothing more than a transparent stain on the concrete after scraping.
- While this adhesive is moisture resistant, the flooring must be protected from excessive moisture. Always run moisture and alkali tests for concrete on any grade level. Moisture test results should meet the flooring manufacturer's recommendations but should not exceed 90% RH as determined by the relative humidity test method (ASTM F2170). Alkali readings should be a maximum pH 11.

### Installation

Follow the flooring manufacturer's guidelines for layout and design. Stir any liquid found on the surface into the adhesive, and apply adhesive using the proper trowel. Recommended trowel sizes are guidelines only and are minimum requirements.

- **For extended coverage:** Full spread the adhesive using 1/32" x 1/16" x 5/64" U-notch trowel (Depth x Width x Apart). Before installing VCT, allow adhesive to set open until dry to the touch (tacky-with no transfer to fingers). Under acceptable conditions, this open time is typically 30-90 minutes. Adhesive

should appear clear. Install VCT over concrete and wood substrates within 8 hours and over existing resilient flooring within 18 hours. Working time and coverage rate may be reduced when installing over patching and leveling compounds or highly porous substrates.

- **For longer working times over concrete and wood:** Full spread the adhesive using 1/16" x 1/16 x 3/32" U-notch trowel (Depth x Width x Apart). Before installing VCT, allow adhesive to set open until dry to the touch (tacky- with no transfer to fingers). Under acceptable conditions, this open time is typically 30-120 minutes. Adhesive should appear clear. Install VCT over concrete and wood substrates within 18 hours. Working time and coverage may be reduced when installing over patching and leveling compounds or highly porous substrates.

Flooring may receive foot traffic immediately upon installation. Adhesive must set 72 hours before exposing to rolling loads.

### Clean Up

Remove wet adhesive residue with a clean, white cloth dampened with soapy water. Use mineral spirits for dried adhesive residue, carefully following warnings on the container. When using mineral spirits, test a small area before proceeding to make sure it does not damage the surface being cleaned.

### Warranty

5-Year Limited HENRY'S BEST WARRANTY. For complete warranty details, please contact our Customer Service Center 1-800-232-4832.

### Notes

Do not reuse container. Dispose of container and adhesive residue in accordance with federal, state and local waste disposal regulations. Do not flush adhesive down drains.

- FOR PROFESSIONAL USE ONLY
- Freeze/Thaw Stable to 10°F (-12°C). Avoid lower temperatures or multiple freeze/thaw cycles.
- Shelf life is 1 year, if unopened.
- VOC: 1 g/L; calculated and reported, SCAQMD 1168

### Precautions

Carefully read and follow all precautions and warnings on the product label. For complete safety information, please refer to the Material Safety Data Sheet (MSDS) available at [www.wwhenry.com](http://www.wwhenry.com).

MADE IN THE U.S.A.  
The W.W. Henry Company,  
400 Ardex Park Drive  
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