

# 650 R Pressure Sensitive Adhesive

**Use for fiberglass-reinforced sheet vinyl flooring, solid vinyl tile (LVT), solid vinyl plank (LVP), vinyl-backed sheet flooring and vinyl-backed carpet tile.**

- For releasable or permanent installations
- Moisture resistant up to 90 % RH
- Easy application
- Plasticizer migration resistant
- Solvent free
- Nonflammable
- Solid vinyl tile (LVT) and solid vinyl plank (LVP) - residential installations only

#### Trowels & Coverage

Recommended trowel sizes are guidelines only and are minimum requirements.



Fiberglass-Reinforced Sheet Vinyl; Solid Vinyl Tile (LVT)  
Installed Over Non-Porous Substrates; Solid Vinyl Plank (LVP)  
Installed Over Non-Porous Substrates; Vinyl-Backed Sheet  
Flooring Installed Over Non-Porous Substrates

U-notch "D=1/32", W=1/16", A=1/32"  
300 sq. ft. / gal.; 75 sq. ft. / qt.; 7.36 sq. m / L



Solid Vinyl Tile (LVT) Installed Over Porous Substrates; Solid  
Vinyl Plank (LVP) Installed Over Porous Substrates;  
Vinyl-Backed Sheet Flooring Installed Over Porous Substrates;  
Vinyl-Backed Carpet Tile

Square Notch D=1/16", W=1/16", A=1/16"  
125-150 sq. ft. / gal.; 31.25-37.5 sq. ft. / qt.; 3-3.6 sq. m / L



Fiberglass-Reinforced Sheet Vinyl; Vinyl-Backed Carpet Tile  
Short-Nap Roller 3/16"-3/8"  
300 sq. ft. / gal.; 75 sq. ft. / qt.; 7.36 sq. m / L

**GREENLINE**  
ENVIRONMENTAL TECHNOLOGY

**SystemOne**



The W.W. Henry Company  
400 Ardex Park Drive  
Aliquippa, PA 15001  
(724)203-8000  
1-800-232-4832  
www.wwhenry.com

# HENRY® 650 R

## Pressure Sensitive Adhesive

### Sizes Available:

4 gal. (15.14 L) pail  
1 gal. (3.78 L) pail  
1 qt. (946 mL) pail

### Description

HENRY® 650 R Pressure Sensitive Adhesive is a premium pressure sensitive adhesive with releasable or permanent bonding properties that firmly adhere the floor.

### Use For

Fiberglass-reinforced sheet vinyl flooring, solid vinyl tile (LVT), solid vinyl plank (LVP), vinyl-backed sheet flooring and vinyl-backed carpet tile.

### Bonds To

On all grade levels: concrete, cementitious underlayments, suspended APA-grade underlayment plywood (untreated), radiant-heated subfloors where temperatures do not exceed 85°F (29.4°C), terazzo, skim-coated ceramic tile installations, metal, certain epoxy coatings and fully adhered, non-cushion backed resilient.

Also can be used over properly primed gypsum underlayments (above-grade only). Refer to the flooring manufacturer's specific recommendations for suitable substrates. Please note that all substrates must be sound, solid and well-bonded.

### 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 and flat in accordance with the flooring manufacturer's recommendations. Ensure that the substrate is solid and fixed securely to provide a rigid base free of undue flex. All loose wood must be properly fastened to create a sound surface. Fill all cracks, holes and low spots with a polymer modified, cementitious patching or leveling compound. Patching and/or leveling materials must have a minimum compressive strength of 3,000 psi (210 kg/cm<sup>2</sup>).

Substrate must be 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. 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.

While this adhesive is moisture resistant, the flooring must be protected from excessive moisture. Always perform 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.

### Dimensional Stability of Flooring Structures

Some floor coverings may grow or shrink as a result of acclimation, handling and/or how the product was manufactured. Install representative test areas to determine the suitability of HENRY 650 R to resist any dimensional change. Please note that, due to the increased risk of dimensional instability of large format solid vinyl tile (LVT), it is recommended that residential installations be limited to a solid vinyl tile (LVT) size of 260 sq. in. or smaller. Please also note that The W.W. Henry Company cannot be held responsible for installation issues caused by dimensional changes in flooring structures.

### 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 or short nap paint roller.

### • Releasable Installations:

Releasable installations have an unlimited working time. Allow adhesive to set open for approximately 45 to 60 minutes or until dry to the touch (tacky but no transfer to fingers) prior to installation.

### • Permanent Installations:

Permanent installations have a working time of up to approximately 45 minutes. Allow adhesive to set open for a minimum of 10 to 20 minutes prior to installation. Do not spread more adhesive than can be covered within 45 minutes, depending upon temperature and humidity. Do not allow a heavy film to form on the surface of the adhesive. If the adhesive dries or skins over completely, it must be scraped up, and fresh adhesive must be applied.

After installation, roll the flooring with a 100 lb. roller across width and length, as recommended by the flooring manufacturer. Weight down seams as recommended by the flooring manufacturer.

Releasable installations can receive normal foot traffic immediately. Permanent installations can receive normal foot traffic after 12 hours. Do not wet wash the floor for 5 days after installation. Protect all flooring installations when moving heavy appliances and/or when rolling loads are utilized.

### Cleanup

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

### Warranty

10-Year HENRY Limited Warranty. Also eligible for the ARDEX Americas SystemOne™ Warranty when used in conjunction with select ARDEX Engineered Cements. Failure to follow written directions will void the warranty. For complete warranty details, please visit [www.wwhenry.com](http://www.wwhenry.com).

### Notes

Protect from freezing. Store adhesive between 40°F and 90°F. Please note that prior to any installation using HENRY adhesives, the backing content of the floor covering must be verified, and the suitability of the installation verified with the ARDEX Technical Service Department. Please contact us for confirmation once the intended floor covering has been selected.

As always, prior to proceeding with the actual installation, we recommend installing an adequate number of properly located test areas that utilize the adhesive with the selected floor covering(s) to determine the suitability and aesthetic value of the products for their intended use.

Shelf life is 1 year, if unopened.

VOC: 0; calculated SCAQMD 1168

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

### 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.wwhenry.com](http://www.wwhenry.com).

Made in the USA.

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