

HENRY®

The Professional's Formula For Success™

640 VinylLock™

Pressure Sensitive Vinyl Flooring Adhesive

For commercial and residential installations of solid vinyl tile, plank and vinyl-backed sheet flooring

- Use as pressure sensitive or wet-set adhesive
- Moisture resistant up to 90% RH
- Long working time
- Excellent plasticizer migration resistance
- Outstanding initial grab and bond strength
- Solvent free and low odor
- Antimicrobial product protection

SystemOne™

GREENLINE
ENVIRONMENTAL TECHNOLOGY



Trowels & Coverage

Recommended trowel sizes are guidelines only and are minimum requirements.



Porous Substrates
Sq. Notch D=1/16", W=1/16", A=1/16"
125-150 sq. ft. / gal.
31.25-37.5 sq. ft. / qt.
3.07-3.68 sq. m / L



Non-Porous Substrates
U-Notch D=1/32", W=1/16", A=1/32"
150-200 sq. ft. / gal.
37.5-50 sq. ft. / qt.
3.68-4.91 sq. m / L



Alternate Trowel for Extremely Flat Substrates
(Minor surface imperfections, such as trowel marks or pitting, must not exceed the 1/32" height of the adhesive trowel ridge.)
U-Notch D=1/32", W=1/16", A=5/64"
225-275 sq. ft. / gal.
56-69 sq. ft. / qt.
5.5-6.7 sq. m / L

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HENRY® 640

Pressure Sensitive Vinyl Flooring Adhesive

Description

HENRY® 640 is a premium, high performance flooring adhesive for the installation of vinyl-backed flooring, including solid vinyl tile, plank and vinyl-backed sheet. HENRY 640 can be used as a pressure-sensitive or a wet-set adhesive. Large format tile (greater than 16" x 16" / 40.6 cm x 40.6 cm) must be installed using HENRY 640 as a wet-set adhesive.

Use For

Solid vinyl tile, vinyl plank and vinyl-backed sheet flooring.

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:** Terrazzo, ceramic tile, metal, certain epoxy coatings and existing, fully adhered, non-cushion backed resilient on all grade levels.

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 (within 3/16" in 10 ft. or 1/8" in 6 ft.). Ensure that the substrate is solid and securely fixed to provide a rigid base free of undue flex. All loose substrates must be re-nailed or bonded properly to create a sound surface. Cementitious patching and/or leveling materials must have a minimum compressive strength of 3,000 psi.
- 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. 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.
- 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 or how the product was manufactured.

Install a representative test area to determine the suitability of HENRY 640 to resist any dimensional change. Please 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. Do not spread more adhesive than can be covered within 2 hours.

- **Porous Substrates:** HENRY 640 may be used as a wet-set or as a pressure-sensitive installation. To use as a wet-set, allow the adhesive to set open for 5 to 10 minutes before installing flooring. To use as a pressure-sensitive, allow the adhesive to dry to the touch (approximately 45 to 60 minutes). Install flooring within 2 hours.
- **Non-Porous Substrates:** Allow the adhesive to dry to the touch (tacky, with no transfer to the fingers, approximately 60 to 90 minutes). Install flooring within 2 hours.

If the adhesive dries longer than 2 hours, it must be scraped up, and fresh adhesive needs to 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.

Adhesive must set 12 hours before exposing to traffic. Do not wet wash or strip floor for 5 days after installation.

Clean Up

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 Limited HENRY'S BEST WARRANTY. Also eligible for the ARDEX/HENRY 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 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.
- Do not freeze.
- Shelf life is 1 year, if unopened.
- VOC: 0 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.

Made in the USA by The W. W. Henry Company, Aliquippa, PA 15001

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