

422

Premium Vinyl-Backed Flooring Adhesive

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

- **Builds Strength Fast**
- **Ideal for the Installation of Vinyl Tile, Plank and Sheet Flooring**
- **Outstanding Plasticizer Migration Resistance**
- **Non-Staining**
- **Moisture and Alkali Resistant**
- **Excellent Dimensional Stability**



1/16" D x 1/16" W x 1/16" A square-notch
1.5 x 1.5 x 1.5 mm
468 - 540 sq. ft./4 gal. (43,4 - 50,1 m²/15,14 L)
117-135 sq. ft./gal. (10,8 - 12,5 m²/3,8 L)



1/32" D x 1/16" W x 5/64" A U-notch
0.75 x 1.5 x 1.9 mm
900 - 960 sq. ft./4 gal. (83,6 - 89,1 m²/15,14 L)
225 - 240 sq. ft./gal. (20,9 - 22,2 m²/3,8 L)

SystemOne™

HENRY® 422

Premium Vinyl-Backed Flooring Adhesive

Description

HENRY 422 is a premium, high strength adhesive for the permanent installation of vinyl-backed flooring. As a wet-set adhesive, HENRY 422 generates high ultimate bond strength, and also builds strength quickly for challenging vinyl installations. Its versatility and overall performance make it suitable for all formats and sizes of vinyl-backed flooring, including vinyl tile, plank and vinyl-backed sheet.

Use For

Permanent commercial and residential installations of solid vinyl tile, vinyl plank, luxury vinyl tile, vinyl stair treads, vinyl-backed carpet and carpet tile, and vinyl-backed resilient sheet flooring. Also suitable for Mannington HP backed carpet. Follow all flooring manufacturer-published procedures and installation instructions.

Bonds To

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

- **Porous:** Concrete, cementitious underlayment, suspended APA grade underlayment plywood, and radiant heated subfloors where temperatures do not exceed 85°F (29°C) on all grade levels. Can also be used over properly primed gypsum underlayment (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

- 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. 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.
- Always run moisture and alkali tests for concrete on any grade level. For accurate results, curing agents must be removed in areas where tests will be run. Moisture test results should meet the flooring manufacturer's recommendations, but should not exceed 3 lbs./1000 sq. ft/24 hrs. as determined by the calcium chloride moisture test (ASTM F1869), or 75% RH as determined by the relative humidity test method (ASTM F2170). Alkali readings should be a maximum pH 10. All slabs on or below grade level must be known to have intact vapor retarder directly beneath the concrete in conformance with ASTM E1745.

Dimensional Stability of Flooring Structures:

Some vinyl tiles and planks may grow or shrink as a result of acclimation, handling or how the product was manufactured. Install a representative test area to determine suitability of HENRY 422 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.

- **Porous Substrates:** Spread the adhesive evenly on the substrate with a 1/16" x 1/16" x 1/16" square-notched trowel. Allow the adhesive to remain open about 15-25 minutes. The working time will be up to 90 minutes depending on temperature and humidity during installation.
- **Non-porous Substrates:** Spread adhesive evenly on substrate using a 1/32"D x 1/16"W x 5/64"A U-notch trowel. Allow adhesive to dry for approximately 30-40 minutes, depending on temperature and humidity conditions. Working time up to 2 hours, depending on temperature and humidity conditions.

After installation, roll the flooring with a 75 to 100 lb roller across width and length, as recommended by the flooring manufacturer. Weight down seams as recommended by flooring manufacturer. Adhesive must set overnight (min. 12 hrs.) 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, carefully following warnings on the container.

Warranty

10-Year Limited Warranty. For complete warranty details please contact our Customer Service Center 1-800-232-4832.

NOTE:

FOR PROFESSIONAL USE ONLY. 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.

- Protect from freezing. Store adhesive between 40°F and 90°F
 - Shelf life is 1 year if unopened
 - VOC content: 54 g/L; calculated and reported, SCAQMD 1168
- Carefully read and follow all cautions and warnings on label or refer to Material Safety Data Sheet for all warnings and additional product information. (www.wwhenry.com)

FIRST AID MEASURES:

In case of contact, immediately flush eyes with large amounts of water, including under the eyelids, for 15-30 minutes. Flush skin with plenty of water. Wash with mild soap if needed to completely remove material. Obtain medical attention if irritation develops or persists. **INGESTION:** Call a physician if symptoms occur or if large amounts of this material are swallowed. Do not induce vomiting. Never give anything by mouth to an unconscious person. **INHALATION:** If inhaled, immediately remove the affected person to fresh air. If not breathing, have qualified personnel give artificial respiration and seek medical attention immediately.

MADE IN THE U.S.A.
The W.W. Henry Company,
400 Ardex Park Drive
Aliquippa, PA 15001
www.wwhenry.com

HT-131 (07/12)