



# HENRY® 647 PlumPro™

## Fast-Track, Roll-Apply Vinyl Flooring Adhesive

Ideal for ultra-fast-track installations of LVT in both commercial and residential settings, see "Use for" section for complete listing of all recommended vinyl flooring types



99% RH moisture resistant\*

Dry-to-the-touch (ready to receive flooring) in mere minutes

Apply with roller from a standing position

Flooring may be laid in for up to 8 hours if needed

Traffic the new floor immediately

Outstanding coverage 1,200 - 1,600 sq. ft. per 4 gal. pail

Eliminate adhesive trowel ridge telegraphing/show through



### Recommended Tools:

Coverage rate is a guideline and may vary based on substrate smoothness/roughness, and porosity of substrate.

### All substrates, all recommended flooring types:

3/8" nap roller



300 – 400 sq. ft. per 1 gal. (1,200 – 1,600 sq. ft. per 4 gal. pail)

27.8 – 37.1 sq. m per 3.78 L (111.4 – 148.6 sq. m per 15.14 L pail)



### Unit Sizes

1-gallon pail / 3.78 L pail

4-gallon pail / 15.14 L pail

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## Fast-Track, Roll-Apply Vinyl Flooring Adhesive

### Description:

A solvent-free acrylic polymer-based adhesive designed for fast-track installations in both commercial and residential settings. Roller-applied, this adhesive achieves a dry-to-the-touch state (ready to receive flooring), in as soon as 10 minutes. HENRY® 647 PlumPro™ begins developing permanent bonding strength exceptionally fast, permitting traffic on the new floor immediately. Its resistance against initial slippage makes it ideal to use for tile and plank installations. This adhesive is also well suited for sheet vinyl installation by offering ultra-fast project turnaround time and eliminating any possibility of adhesive trowel ridge telegraphing/show through.

### Use for:

**When the specific guidelines for installation from the flooring manufacturer allow for a fully adhered dry-to-the-touch pressure-sensitive adhesive installation, roll HENRY 647 to install the following types of flooring:**

- LVT (luxury vinyl tile and plank)
- VCT (vinyl composition tile)
- VET (vinyl enhanced tile)
- Fiberglass encapsulated (cushion-backed) sheet vinyl

**When the specific guidelines for installation from the flooring manufacturer allow for a roll-on or spray applied, pressure-sensitive permanent installation adhesive, roll HENRY 647 to install the following types of sheet flooring:**

- Homogeneous sheet vinyl
- Heterogeneous sheet vinyl
- Felt-backed sheet vinyl

### 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 this adhesive to resist any dimensional change. Please note that ARDEX L.P. cannot be held responsible for installation issues caused by dimensional changes in flooring structures.

### Bonds to:

- Concrete
- Cementitious underlayments
- APA-grade underlayment plywood (untreated)
- Properly primed gypsum underlayment (above grade only)
- Certain metals and epoxy coatings
- Existing terrazzo and ceramic tile (clean and residue-free)
- Existing resilient flooring (fully adhered, non-cushion backed)
- Radiant-heated subfloors not to exceed 85°F (29°C)

Refer to the specific recommendations of the flooring manufacturer for suitable substrates. Please note that all substrates must be clean, sound, solid, well bonded, and prepared as follows.

### 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. Prior to installation always perform moisture and alkali tests for concrete on any grade level. **For high moisture installations, follow additional special preparation requirements described in high moisture section below\*.**

Substrate must be sound, smooth and flat in accordance with flooring manufacturer requirements. Ensure that the substrate is solid and fixed securely to provide a rigid base free of undue flex. Address rough unsmooth areas, cracks, holes and levelling needs using available ARDEX substrate preparation products. Any substrate patching or levelling materials used 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 properly handled and disposed of in accordance with applicable federal, state, and local regulations.

### \*High Moisture Installations:

Prior to installation always perform moisture and alkali tests for concrete on any grade level. Moisture test results should meet the recommendation of the flooring manufacturer but should not exceed 99% RH as determined by the concrete relative humidity test method (ASTM F2170). Verify concrete surface dryness by mat testing for 24 hours in accordance with ASTM D4263. Alkali readings should not exceed 12 pH.

Acclimate the installation area, adhesive and flooring in an enclosed building at a minimum of 65°F (18°C) for at least **72 hours** before, during and for **72 hours** after installation.

### Additional requirements for high moisture installations:

- Concrete must be a minimum of 45 days old, on-grade or below-grade slabs must be known to have an intact moisture vapor barrier beneath the slab, per ASTM E1745.
- Concrete slab must be at service temperature, and occupied air space above the slab must be at service temperature and service relative humidity, at time of installation.
- Relative humidity of air within the space should not exceed 65% for 72 hours following the installation.

While this adhesive is resistant to being damaged by high concrete moisture vapor emissions, it does not create a moisture barrier and therefore does not protect the floor covering from concrete moisture. Address concrete not satisfying the above requirements by using available ARDEX moisture control products.

### Installation procedure:

Follow the guidelines from the flooring manufacturer for layout, design and suitable installation methods. Remove lid and stir any liquid found on the surface into the adhesive, this adhesive is ready-to-use and does not require mixing.

- Apply adhesive evenly using proper roller and following coverage rate guidelines
- Do not apply more adhesive than can be covered within approximately 8 hours, depending on air temperature, air humidity and the porosity of the substrate.
- Allow the rolled-out adhesive to set open until becoming dry-to-the-touch (tacky, but no transfer to fingers) and then lay flooring.
- Roll the installed floor across width and length using a 3-section 100 lb heavy roller as recommended by flooring manufacturer.

### After Installation:

The new floor may be opened to traffic immediately. Protect all floor coverings when moving heavy appliances and/or when rolling loads are utilized.

### 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.

### Notes

FOR PROFESSIONAL USE ONLY.

VOC content: 0 g/L per SCAQMD Rule 1168. 0.0% CARB.

Shelf-life is 12 months in original unopened container.

Product is freeze-thaw stable to 10°F (-12°C). Before using allow ample time for packaging contents to naturally acclimate at room temperature. Avoid lower temperatures or multiple freeze-thaw cycles.

Dispose of packaging and residue in accordance with prevailing regulations. Do not flush material down drains. Do not reuse packaging.

### Warranty:

10-Year Limited HENRY'S BEST WARRANTY. Also, eligible for ARDEX Americas SystemOne™ Warranty when used in conjunction with select ARDEX substrate preparation and/or ARDEX moisture control products. Failure to follow written directions will void the warranty. For complete warranty details, visit [www.ardexamericas.com](http://www.ardexamericas.com).

HENRY flooring adhesives have a long-standing successful track record of use with a wide range of floor coverings. For uncommon or non-standard floor coverings, including floor coverings with recycled-content backings and/or floor coverings that are recommended for installation solely with epoxy, urethane, or silane adhesives, follow the advice of the flooring manufacturer. Contact the ARDEX Technical Service Department for further guidance.

As always, prior to installing any ARDEX or HENRY products we recommend installing an adequate number of properly located test areas, to include the selected floor coverings, to determine the suitability and aesthetic value of the products for their intended use. As floor coverings vary, always contact and rely upon the floor covering manufacturer for specific directives, such as maximum allowable substrate moisture content and intended end use of the flooring product.

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

Made in the USA.

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Visit [www.youtube.com/ARDEX101](http://www.youtube.com/ARDEX101) to watch ARDEX product demonstration videos. For recommended installation tools, visit DTA USA at [www.dtausagroup.com](http://www.dtausagroup.com). For easy-to-use ARDEX Product Calculators and Product Information On the Go, download the ARDEX App.



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