

HENRY®

an ARDEXGROUP Brand

HENRY® 2575 Floor & Wall

1-Component, Modified Silane, Flooring Adhesive

Modified Silane (MS) Polymer technology for heavy duty bond strength

No mixing! Replaces 2-component epoxy and urethane adhesives

Powerful - rated for heavy commercial traffic and rolling loads

Withstands elevated floor temperatures in direct sunlight areas

Stands up to high foot traffic and frequently wet spaces

Use indoors or out (vertical wall applications are indoor only)

Solvent-free, zero VOC, isocyanate-free, non-hazardous per OSHA and DOT

Pail Size: 3-gallon / 11.35 L Pail



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Flooring Types

(When the specific guidelines for installation from the flooring manufacturer call for a fully adhered, glue-down installation; for flooring types not listed, contact the ARDEX Technical Service Department):

- MLF (multilayer tile & plank flooring) with a corkbacking only
- Vinyl tile / plank (LVT, LVP, SVT, VCT, VET)
- Heterogeneous and homogeneous sheet vinyl
- Fiberglass encapsulated / cushion backed sheet vinyl
- Felt backed sheet vinyl
- Linoleum sheet and tile and stair treads
- Rubber sheet, tile and stair treads
- Vinyl-backed carpet tile
- Polyolefin-backed carpet tile
- Cork flooring with a vinyl-backing only
- Cork underlayment
- Indoor/outdoor carpet
- Synthetic grass
- Entrance mats

Recommended Tools and Coverage*

Trowel notch sizes and spread rates are guidelines. It is the responsibility of the installer to apply enough adhesive based on the needs of the floor covering and the condition of the substrate.

U notch trowel 1/32" D x 1/16" W x 1/32" A



Smooth (non-textured) backings on planks, tiles and sheet flooring

Coverage Per 3-Gallon (11.35 L) Pail: Up to 780 sq. ft (72.4 m²)

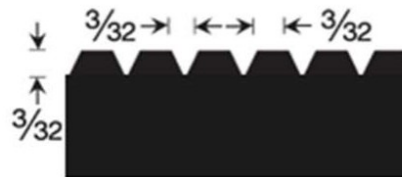
U notch trowel 1/16" D x 1/16" W x 1/16" A



Smooth (non-textured) backings on planks, tiles and sheet flooring

Coverage Per 3-Gallon (11.35 L) Pail: Up to 480 sq. ft (44.5 m²)

V notch trowel 3/32" D x 3/32" W x 3/32" A



Textured, sanded, or structured backings on planks, tiles, and sheet flooring; indoor/outdoor carpet, synthetic grass, entrance mats

Coverage Per 3-Gallon (11.35 L) Pail: Up to 405 sq. ft (37.6 m²)

Suitable Substrates / Applications*

Horizontal (Floors)

- Concrete (structurally sound)
- Absorbent terrazzo on concrete*²
- Patching, leveling or fill materials*²
- Untreated APA-grade underlayment plywood and OSB*²
- Properly primed Gypsum underlayments (If the slab is on grade: Moisture control is required)
- Radiant-heated subfloors not to exceed 85°F (29°C)
- Areas exposed to daily direct sunlight (floor surface temperature must not exceed 122°F / 50°C for prolonged periods)
- Other approved, non-porous materials on concrete*²
 - o Non-porous (non-absorbent) cementitious terrazzo
 - o Epoxy terrazzo
 - o Ceramic, quarry or porcelain tiles
 - o Fully adhered Cork underlayment

Vertical (Walls)

- Drywall / gypsum board primed with universal primer or flat paint
- Smooth, non-textured walls that are free of loose paint and/or other contaminants

* 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 detailed below. HENRY flooring adhesives have a long-standing successful track record of use with a wide range of floor coverings. Always follow the advice of the flooring manufacturer. Contact the ARDEX Technical Service Department for further guidance. For walls, follow wall covering manufacturer's guidelines for applicable and prevailing fire / burn regulations.

*² Must be sound, solid and well-bonded to underlying, structurally sound substrates.

Dimensional Stability of Flooring Structures

Some floor coverings may grow or shrink as a result of acclimation, handling and/or how the products were manufactured. Install representative test areas to determine the suitability of this adhesive to resist any dimensional change. Please note that ARDEX Americas cannot be held responsible for installation issues caused by dimensional changes in flooring structures.

Step 1: Moisture Evaluation and Testing

This product is intended for interior, dry spaces. Hydrostatic pressure, plumbing leaks, flood factors and other sources of water infiltration must be identified and corrected prior to installation. This product is not a vapor barrier and will allow free passage of moisture vapor. Test concrete relative humidity (RH) in accordance with ASTM F2170. Moisture control is required in the following circumstances:

- If the RH exceeds The limitations associated with the selected floor covering.
- If the RH exceeds 95%.

Step 2: Jobsite Preparation

Refer to the specific recommendations of the flooring manufacturer for substrate 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 (72 hours for wall applications). If installing over an in-floor heating system, turn the heating system off 48 hours before, during and at least 48 hours after completion of the installation. Ambient humidity must be as follows:

- Maximum: 75%
- Minimum:
 - o Non-absorbent (non-porous; burnished) Substrate: 50%
 - o All other cases: 40%

Step 3: Substrate Preparation (Proper Prep™)

For full details on Proper Prep, reference the following articles at www.ardexamericas.com/services/properprep:

- Article 1: Preparing Concrete for Bonded ARDEX or HENRY Applications
- Article 2: Preparing Wood for Bonded ARDEX Applications
- Proper Prep Brochure

Mechanically clean substrate, if necessary, by shot blasting or similar means. Do not use acid etching, adhesive removers, solvents or sweeping compounds, as these are bond breakers. Sanding is not an effective method to remove contaminants from concrete.

Substrate must be dry and alkali free. All substrates must be sound, solid and thoroughly clean of all bond-breaking contaminants, including but not limited to: overwatered or otherwise loose or weak material; dirt, dust, wax, grease, paints and oils; all curing compounds and sealers.

Non-porous substrates, such as epoxy coatings and ceramic, quarry and porcelain tiles, must be mechanically cleaned and profiled to ensure a proper bond.

Substrate must be sound, smooth and flat in accordance with finish 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 with appropriate substrate preparation products.

Following preparation, thoroughly vacuum to remove all excess dirt and debris.

Handle and dispose of asbestos and other hazardous materials in accordance with prevailing regulations, which supersede the recommendations in this document.

Step 4: Application

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. Replace worn trowels as required to ensure recommended amount of adhesive is being applied.

Application Data. All data based on 70°F / 21°C. Physical properties are typical values and not specifications.

Open times:^{*4}

Application	Approximate Required Open Time	Maximum Open Time
Non-absorbent (non-porous; burnished) Substrates	20 minutes	40 minutes
Vertical (Walls) Sheet flooring	10 - 20 minutes	
All other cases	5 - 20 minutes	

^{*4} Installer Tips

- Allowing the adhesive to initially air for 5 - 20 minutes after troweling will increase initial grab.
- When installing sheet flooring, allowing the adhesive to initially air for 10 - 20 minutes will reduce the effect of knee-pressure on the fresh adhesive.
- Total time available to lay in floor covering is dependent on the air humidity and temperature in the workspace, and the degree of porosity of the substrate.

Instructions

- For wall applications, if necessary, mark areas on walls where adhesive is to be applied.
- Periodically check to ensure at least 90% adhesive transfer is being achieved to the back of the floor covering. Apply adhesive evenly using the recommended proper tool.
- See "maximum open time" above, if applicable. Do not apply more adhesive than can be covered within approximately this time period. Do not allow a heavy film to form on the surface of the adhesive.
- See "approximate required open time" above, if applicable. Before installing flooring, allow the troweled adhesive to set open for this amount of time. Horizontal (Floors): Roll the installed floor across width and length using a 3-section 100 lb heavy roller as recommended by the flooring manufacturer. Weight down seams as recommended by the flooring manufacturer. Roll rubber floor coverings again after 1 hour.
- Vertical (Walls): Roll entire surface with a hand roller to ensure proper transfer.

Step 5: Cleanup

Let adhesive dry completely, and then mechanically peel away with plastic scraper or similar non-marring tool.

Step 6: Time to Traffic

All dry times are calculated at 70°F (21°C). Drying time is a function of jobsite temperature and humidity conditions. Low substrate temperatures and/or high ambient humidity will extend the drying time. Adequate ventilation and heat will aid drying. Protect all floor coverings when moving heavy appliances and/or when rolling loads are utilized.

Time to Traffic	Duration
Wet washing	48 hours
Heavy traffic / heavy loads (rolling or static)	
Raising in-floor heating temperature (gradually to maximum 85°F / 29°C)	
Light / normal traffic	12 hours

Notes

Never mix with cement or additives outside of our written recommendations. In accordance with industry standards, and to determine the suitability of the products for the intended use, always install an adequate number of properly located test areas, including the finish flooring. As floor coverings vary, always contact and rely upon the floor covering manufacturer for specific directives, such as maximum allowable moisture content, adhesive selection and intended end use of the product.

Observe the basic rules of concrete work, including the minimum surface and air temperatures detailed above. Install quickly if the substrate is warm, and follow the warm weather installation guidelines available on our website.

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

Technical Data According to Manufacturer Quality Standards

All data based on 70°F / 21°C. Physical properties are typical values and not specifications.

Property	Value
VOC	0
Storage	Store in a cool, dry area. Do not leave units exposed to sun. Freeze-thaw stable to 10°F / -12°C. Avoid lower temperatures and multiple freeze-thaw cycles.
Shelf Life	18 months, if unopened and properly stored.
Warranty	10-Year Limited HENRY'S BEST WARRANTY. Also eligible for ARDEX SystemOne™ Warranty. For full warranty details: ardexamericas.com/services/warranties .

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.

Made in the USA.

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



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