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# **HENRY 739™** **Rapid Primer**

**Pre-Mixed, Rapid-Drying,  
Multipurpose Primer**

**Ready-to-use, rapid priming with a tenacious bond!**

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**Ready to use (pre-mixed)**

**For use over most common substrates**

**Dries in as little as 30 minutes**

**Textured surface for tenacious bond**

**Drip and splash-free consistency**

**White color to clearly identify primed areas**

**For use prior to the installation of  
HENRY self-leveling underlayments**

**Interior use only**



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# HENRY 739™ Rapid Primer

## Pre-Mixed, Rapid-Drying, Multipurpose Primer

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### Description and Usage

HENRY 739™ Rapid Primer Pre-Mixed, Rapid-Drying, Multipurpose Primer is a pre-mixed, single-component, rapid-drying, multi-purpose primer for interior and exterior use. The consistency of HENRY 739 has been formulated to virtually eliminate dripping and splashes. Use prior to the installation of Henry self-leveling underlayments. HENRY 739 produces a textured surface and can be used on smooth surfaces to create a bond. It is the ideal primer for use in areas that may become damp or wet, such as kitchens, bathrooms, porches, etc.

### Suitable Substrates\*

#### For self-leveling underlayments:

- Concrete (absorbent, non-absorbent, steel troweled)
- Cementitious terrazzo
- Gypsum\*\*
- Cementitious patching and smoothing compounds
- Dry sand/cement screeds
- Porcelain, ceramic, glass and quarry tiles and most natural stone
- Exterior grade plywood subfloors
- Natural stone floor tiles

\*While HENRY 739 is approved for use over these substrates, not all self-leveling underlayments are approved for use over these substrates or for use with HENRY 739 in all cases. Please refer to the technical data sheets of the individual self-leveling products for approved uses.

\*\* Dilute HENRY 739 with water as detailed in the Application section below.

### Substrate Preparation (Proper Prep™)

For each of the substrates listed below, acid etching, adhesive removers, solvents and sweeping compounds are not acceptable means of cleaning the substrate. Mechanical preparation methods must comply with OSHA Silica Standard for Construction CFR §1926.1153. After mechanical preparation is completed and prior to priming, ensure that all dust and debris is removed from the substrate by vacuuming thoroughly. The vacuum filter must comply with OSHA Silica Standard for Construction CFR §1926.1153.

Substrates must be dry and properly primed for a successful installation. Substrate and air temperatures must be a minimum of 50°F (10°C) for the installation of HENRY 739. For further information, please refer to the ARDEX Substrate Preparation Technical Data Sheet.

#### Concrete

All concrete substrates must be solid, structurally sound, thoroughly clean and free of oil, wax, grease, asphalt, latex and gypsum compounds, sealers, curing compounds and any contaminant that might act as a bond breaker. If necessary, mechanically clean down to sound, solid concrete by shot blasting, scarifying or similar.

Overwatered, frozen or otherwise weak concrete surfaces must also be cleaned down to sound, solid concrete by mechanical methods. Sanding is not an effective method to remove contaminants from concrete.

### Cementitious Patching and Smoothing Compounds and Dry Sand/Cement Screeds

HENRY 739 can be installed over cementitious patching and smoothing compounds as well dry sand/cement screeds that are sound, solid, thoroughly clean and free of dirt, debris and any contaminant that might act as a bond breaker. If necessary, mechanically clean the floor down to sound, solid material by shot blasting or similar.

#### Gypsum

HENRY 739 can be installed over gypsum underlayments that are sound, solid and well-bonded. The gypsum must be thoroughly clean and free of dirt, debris, sealers and any contaminant that might act as a bond breaker. If necessary, mechanically clean the floor down to sound, solid gypsum by shot blasting or similar.

Please be advised, however, that the fact remains that the substrate is gypsum, and therefore has inherent weakness. HENRY 739 cannot change the fact that a weak substrate lies below.

#### Other Non-Porous Substrates

HENRY 739 can also be applied over clean, sound and solidly bonded non-porous substrates, including cementitious terrazzo, burnished concrete and porcelain, ceramic, glass and quarry tiles and most natural stone. The substrate must be clean, including the complete removal of existing sealers, dust, dirt, debris and any other contaminant that may act as a bond breaker. Where necessary, substrate preparation must be by mechanical means, such as shot blasting.

#### Note on Asbestos-Containing Materials

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.

### Joints and Cracks

Under no circumstances should HENRY 739 be installed over any moving joints or moving cracks. All existing expansion joints, isolation joints and construction joints, as well as all moving cracks, must be honored up through the underlayment and flooring.

As needed, dormant cracks and dormant joints can be filled with HENRY 549 or HENRY 547 mixed with HENRY 546, following the instructions in each product's technical brochure.

However, please be advised that while dormant control joints and dormant cracks in the slab may be filled with HENRY 549 or HENRY 547 mixed with HENRY 546 prior to installing HENRY 739, this filling is not intended to act as a repair method that will eliminate the possibility of joints and cracks telegraphing. HENRY 549, HENRY 547 and HENRY 739 are non-structural materials and are, therefore, unable to restrain movement within a concrete slab. This means that while some dormant joints and dormant cracks may not telegraph through the HENRY® materials and up into the finish flooring, cracks will telegraph in any area that exhibits movement, such as an active crack, an expansion or isolation joint, or an area where dissimilar substrates meet. We know of no method to prevent this telegraphing from occurring.

### Recommended Tools

Short-nap roller, sponge paint roller or paintbrush

## Application

As some settling may occur, it may be necessary to stir the HENRY 739 prior to use to ensure that all settled components are in full suspension. Apply a thin, even layer to the substrate using a short-nap roller, sponge paint roller or paintbrush. Allow the primer to dry to a thin, opaque white film (min. 30 - 60 minutes; 70°F / 21°C). Once dry, there is no time limit before the Henry self-leveling underlayment installation may proceed. However, please note that the Henry self-leveling underlayment installation should proceed as soon as possible to avoid surface contamination or damage to the primed surface.

If a Henry self-leveling underlayment will be installed, the underlayment thickness must not exceed 1/2" (12 mm).

To allow for ease of application and to minimize the risk of air bubbles over absorbent substrates, HENRY 739 can be diluted with water. For these applications, HENRY 739 can be diluted with up to 0.75 quarts (0.7 L) of water per 1-gallon (3.79 L) tub. If the HENRY 739 is diluted with water, stir thoroughly before use.

Drying time is a function of jobsite conditions. Low substrate temperatures and/or high humidity can cause extended dry times for Henry primers.

## Notes

FOR PROFESSIONAL USE ONLY.

All tools should be cleaned with water immediately after use.

HENRY 739 may be used over substrates with in-floor heating. Please note that the heating system temperature must not exceed 85°F (29°C).

HENRY 739 is not for use in submerged applications, including swimming pools.

Install at surface temperatures between 50°F (10°C) and 85°F (29°C).

Store at temperatures between 40 and 90°F (5 - 32°C). Do not freeze.

Never mix with cement or additives. Observe the basic rules of concrete work.

Henry recommends the installation of test areas to confirm the suitability of the product for the intended use.

Seal the container of any unused portion of HENRY 739 to prevent it from drying out. 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).

## Technical Data According to HENRY Quality Standards

Physical properties are typical values and not specifications. All data based on recommended application instructions at 70°F (21°C).

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<b>Mixing Ratio:</b>	Primer may require stirring prior to use. Diluting with water is not required.  For absorbent substrates, can be diluted with water as detailed above.
<b>Approximate Coverage:</b>	300 sq. ft. (27.8 sq. m) per 1-gallon (3.79 L) unit  Coverage will vary depending on substrate texture and porosity.  Coverage will vary depending on substrate texture and porosity.
<b>Drying Time:</b>	Min. 30 minutes
<b>VOC:</b>	< 7 g/L, calculated SCAQMD
<b>Packaging:</b>	1-gallon (3.79 L) tub
<b>Storage:</b>	Store in a cool, dry area. Do not expose container to sun. Keep from freezing.
<b>Shelf Life:</b>	1 year, if unopened
<b>Warranty:</b>	HENRY® Standard Limited Warranty applies.

Made in the USA

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