

**Physical Properties**

<b>Appearance</b> Creamy liquid	<b>Low Temp Flexibility</b> Pass 0°F @ 1/2 in. bend	<b>Solids By Weight</b> 58-62%
<b>Application Temperature</b> 50° F and rising	<b>Maximum VOC</b> <50 g/l	<b>Tensile Strength Film (Initial)</b> 305 psi (ASTM D-2370)
<b>Brookfield Viscosity</b> 23,000 - 28,000 cPs, 6D/20 rpm (ASTM D-2196)	<b>Maximum VOS</b> 0.4 lbs/ gal	<b>Thermal Emittance</b> 0.91
<b>Color</b> White	<b>Solar Reflectance</b> 84.3%	<b>Water Absorption</b> 9% (ASTM D-471)
<b>Drying Time @ 50% R.H. 68°F (20°C)</b> 2 hr	<b>Solar Reflectance Index</b>  106 (ASTM E-1980)	<b>Water Vapor Permeance</b>  7 perms (ASTM E-96)
<b>Elongation (Initial)</b> 100% minimum	<b>Solids By Volume</b> 47-51% (ASTM D-2697)	<b>Weight Per Gallon</b> 11.70 - 12.0 lbs (ASTM D-1475)
<b>Flash Point</b> >212° F		

**Approvals and Certifications**

As an ENERGY STAR® Partner, Henry has determined that this product meets the ENERGY STAR guidelines for energy efficiency.



## Description

**HE587 - DURA-BRITE WHITE ELASTOMERIC ROOF COATING** is a premium, high solids formula offering better weather protection, solar reflectivity and longevity than economy grade reflective roof coatings. Cured coating forms a permeable membrane which prevents liquid infiltration, but allows moisture vapor to vent, or breathe out of underlying substrate.

**HE587 - DURA-BRITE WHITE ELASTOMERIC ROOF COATING** offers the following benefits:

- Ponding water resistant up to 48 hours
- No primer needed on new roofs or roofs in excellent condition. Older roofs in fair condition may need primer
- Lowers roof and interior temperatures
- Energy efficient - releases 91% of the sun's heat (thermal emittance)
- Retains 70% + initial reflectance

## Coverage

Approximately 100 sq. ft. per 1 gallon, applied as two coats. 100 sq. ft. per 2 - 3 gallons on mineral surfaces depending on porosity and roughness.

## Surface Preparation

Surface must be clean, dry and sound. Sweep or rinse to clear dust, dirt and residues. Scrub areas where water ponds with detergent and water and rinse well. For newly applied asphalt emulsion, proceed as soon as it has cured, normally 1-7 days. Inspect area to be coated. Repair all cracks, splits and holes by layering **Henry #296 ElastoTape®** polyester fabric between two heavy coats of **Henry #289 White Roofing Sealant** and allow to form a skin and set up from 2 to 24 hours, depending on depth of fill and weather conditions, before coating. Tighten fasteners on metal roofs. Seal fasteners and seams with **Henry #289 White Roofing Sealant** and allow to cure.

## Application

Seal leaks prior to application. Apply on a sunny day when roof surface is warm to the touch. Surface may be dry or slightly damp, but not wet. If the roof surface is too hot to touch (>140°F/60°C), it is too hot to coat. Do not dilute. Stir coating thoroughly and apply with heavy duty sprayer or deep-pile paint roller, keeping strokes in one direction. Apply directly to mineral surface cap sheet (conventional, SBS or APP torch down), roofs previously coated with white or aluminum which has weathered, or asphalt emulsion. For older roofs, previously uncoated metal, smooth surface (not granule surfaced) SBS and APP modified bitumen membranes, and thoroughly cured solvent based black asphalt coatings or hot-mopped asphalt, apply **Henry #107 Asphalt Emulsion** first and allow to dry completely before coating.

**Recoat:** Apply in two coats on the same day at recommended rate. Allow to dry fully between coats. Schedule work so second coat has two hours to dry before nightfall. Apply second coat at right angles to first coat.

## Precautions

**DO NOT APPLY IF RAIN, DEW OR TEMPERATURES BELOW 50°F (10°C) ARE EXPECTED WITHIN 48-72 HOURS.**

Do not heat container or store at temperatures greater than 120°F (49°C). When transporting this product, make sure the pail is secured and the lid is tight to prevent spills. **DO NOT ALLOW COATING IN PAIL TO FREEZE.** Not recommended over plywood, walking decks, gravel, uncoated polyurethane foam, rubber or PVC sheet roofing, shingles of any kind, or old roofs that are too dry and brittle to withstand the shrinkage stresses that occur after the application of any coating. Wear sunglasses when applying in the sun.

**NOTE:** Ponding water resistant up to 48 hours. For older, low-slope roofs where depressions pond water for extended periods, **Henry #176 Pond Patch®** is recommended to provide positive slope in these areas and eliminating ponding.

## Cleanup

Remove wet coating with soap and water. If dry, use paint remover.

## Caution

**CAUTION!** Do not heat container or store at temperatures greater than 120°F (49°C). Close container after each use. **DO NOT TAKE INTERNALLY!** Use protective measures to avoid contact with eyes and skin. If swallowed, **CALL PHYSICIAN IMMEDIATELY!** In case of eye contact, open eyelids wide and flush immediately with plenty of water for at least 15 minutes. In case of accidental injection by power spray equipment, **GET MEDICAL ATTENTION IMMEDIATELY!** Dispose of container and unused contents in accordance with Local, State and Federal regulations.

**KEEP OUT OF REACH OF CHILDREN.**

**KEEP FROM FREEZING.**

**FOR EXTERIOR USE ONLY!**

**WARNING:** This product contains detectable amounts of chemicals known to the State of California to cause cancer, or birth defects or other reproductive harm.

**Employers** should obtain a copy of the **Material Safety Data Sheet (MSDS)** from your supplier or directly from Henry at the toll free number or website below.

## Product Sizes

GALLON (11.6 lb)

5 GALLON (58 lb)

55 GAL/205 L (693 lb)

## Limited Warranty

We, the manufacturer, warrant only that this product is free of defects, since many factors which affect the results obtained from this product - such as weather, workmanship, equipment utilized, and prior condition of the substrate - are all beyond our control. We will replace at no charge any product proved to be defective that substantially affect performance within 10 years of purchase, provided it has been applied in accordance with our written directions for uses we recommended as suitable for this product. Proof of purchase must be provided. **DISCLAIMER OF WARRANTIES AND LIMITATION OF LIABILITY: THIS LIMITED WARRANTY IS IN LIEU OF ANY OTHER WARRANTIES EXPRESS OR IMPLIED INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. MANUFACTURER SHALL HAVE NO LIABILITY OF ANY KIND BEYOND PRODUCT REPLACEMENT, INCLUDING FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES RESULTING FROM ANY DEFECTS OR ANY DELAYS CAUSED BY REPLACEMENT OR OTHERWISE. THIS LIMITED WARRANTY PROVIDES THE PURCHASER'S EXCLUSIVE REMEDY FOR ANY DEFECT IN THE PRODUCT.** This limited warranty is in addition to and supplemented by the product warranty located on our website at: [www.henry.com/warranty](http://www.henry.com/warranty) which also applies to this product.