

Physical Properties

Appearance Creamy liquid	Flash Point >212° F	Solids By Weight 58-62%
Application Temperature 50°F and rising	Low Temp Flexibility Pass 0°F @ 1/2 in. bend	Tensile Strength Film (Initial) 305 psi (ASTM D-2370)
Brookfield Viscosity 23,000 - 28,000 cPs, 6D/20 rpm (ASTM D-2196)	Maximum VOC <50 g/l	Thermal Emittance 0.91
Color White	Solar Reflectance 0.84	Water Absorption 9% (ASTM D-471)
Drying Time @ 50% R.H. 68°F (20°C) 2 hr	Solar Reflectance Index 106 (ASTM E-1980)	Water Vapor Permeance 7 perms (ASTM E-96)
Elongation (Initial) 100% minimum	Solids By Volume 47-51% (ASTM D-2697)	Weight Per Gallon 11.70 - 12.0 lbs (ASTM D-1475)

Approvals and Certifications

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

The actual effect of Solar Reflectance and Thermal Emittance on building performance may vary. Manufacturer of product stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating Council procedures.



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.

- Lowers roof and interior temperatures
- Resists ponding water*
- No primer needed**
- Mildew and stain resistant.

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

Clean: 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.

Repair: Inspect area to be coated. Repair all cracks, splits and holes by layering **Henry 296 ElastoTape® Repair Fabric** between 2 heavy coats of **Henry 289 White Roofing Sealant - Elastomeric** 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 - Elastomeric** and allow to cure.

**No primer needed on new roofs or roofs in excellent condition. Older roofs in fair condition may need primer.

Application

Apply: 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. 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 Sealer and Dampproof**er 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 2 hours to dry before nightfall. Apply second coat at right angles to first coat.

Precautions

DO NOT THIN. 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, 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-sloped roofs where depressions pond water for extended periods, **Henry 176 Pond Patch®** is recommended to provide positive slope in these areas and eliminate ponding.

Cleanup

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

Caution

WARNING: Causes skin irritation. Causes serious eye irritation.

Prevention: Wash thoroughly after handling. Wear protective gloves and eye protection.

Response: IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs; Get medical advice or attention. Take off contaminated clothing and wash it before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

Storage: Store in a well-ventilated place.

Disposal: Dispose of contents/containers in accordance with local/regional/national/international regulations.

WARNING: This product contains chemicals known to the State of California to cause cancer and/or birth defects or other reproductive harm. See safety data sheet for further details regarding the safe use of this product.

FOR EXTERIOR USE ONLY.

KEEP FROM FREEZING.

KEEP OUT OF REACH OF CHILDREN.

Product Sizes

GALLON (11.6 lb)

55 GAL/205 L (693 lb)

5 GALLON (1392 lb)

275 GALLON (2365 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 have a material defect 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. IF PURCHASER DOES NOT ACCEPT THESE TERMS OF HENRY'S LIMITED WARRANTY, PURCHASER MAY RETURN ALL CONTAINERS OR PACKAGES OF PRODUCT PURCHASED FOR A FULL REFUND (PROVIDED THE CONTAINERS OR PACKAGING IS UNOPENED AND LESS SHIPPING CHARGES IF ANY) WITHIN 30-DAYS OF PURCHASE. RETENTION OF PRODUCT BEYOND 30-DAYS FROM PURCHASE, OR USE OF PRODUCT SHALL CONSTITUTE ACCEPTANCE OF HENRY'S LIMITED WARRANTY TERMS, CONDITIONS AND DISCLAIMERS. THIS LIMITED WARRANTY PROVIDES THE PURCHASER'S EXCLUSIVE REMEDY FOR ANY DEFECT IN THE PRODUCT.** For further details of Henry's product warranty, see our website at www.henry.com/warranty.