

**Physical Properties**

<b>Appearance</b> Smooth White	<b>Maximum VOC</b> <50 g/l	<b>Specific Gravity @ 77° F (25°C)</b> 1.24
<b>Application Temperature</b> 50°F and rising	<b>Near Normal Emittance (LEED)</b> 0.94 (ASTM E408)	<b>Tensile Strength Film (Initial)</b> 210 psi (ASTM D-2370)
<b>Brookfield Viscosity</b> 15,000-20,000 cPs, 5D@20 RPM	<b>pH</b> 9.0	<b>Thermal Emittance</b> 88% (ASTM C1371)
<b>Color</b> White	<b>Recovery</b> 97.3% (ASTM D2370)	<b>Water Absorption</b> 1.21 (ASTM D471)
<b>Drying Time @ 50% R.H. 68°F (20°C)</b> 2.5 hr	<b>Reflectance</b>  86% (ASTM C1549)	<b>Water Vapor Permeance</b>  8.1 (ASTM E-96)
<b>Elongation (Initial)</b> 300% (ASTM D2370)	<b>Solids By Weight</b> 48-52%	<b>Weight Per Gallon</b> 10 -10.4 lbs (ASTM D1475)
<b>Flash Point</b> >212°F (ASTM D56)		

**Approvals and Certifications**

Henry stipulates that these rating were determined in accordance with the applicable Cool Roof Rating Council procedures. Rated Product ID - 0620-0007.

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

Consult Henry Representative for specific assembly ratings and requirements.

See Henry Roofing Manual for detailed Roofing, Reroofing, and Roof Maintenance & Restoration specifications.



**Description**

**HE287SF - 287 SOLAR-FLEX WHITE ROOF COATING** is a premium, elastomeric, water-based acrylic latex coating. Properly applied, it is highly resistant to disbonding, chalking, mildew, and discoloration. **HE287SF - 287 SOLAR-FLEX WHITE ROOF COATING** provides the following benefits:

- Reflects over 85% of sun's heat and U.V
- Bright white with excellent "hide"
- Lowers roof and interior temperatures
- Prolongs roof life
- Reduces air conditioning costs

## Coverage

Approximately 100 sq. ft. per 1 gallon, applied as two coats.

## Surface Preparation

**1. 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.

**2. 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.

## Application

**3. 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 a deep-pile paint roller with wood handle and metal threads, 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.

**4. Recoat:** Apply second coat when first is dry, preferably on the same day. For large roofs, apply two coats to one section per day. 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 this product, be 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. In areas with frequent ice and snow, apply over mineral surface cap sheet only. Wear sunglasses when applying in the sun.

**NOTE:** Do not apply this coating over surfaces which will be subjected to ponding water conditions. Use **Henry 176 Pond Patch®** to provide positive slope in these areas and allow to cure completely before coating.

## Cleanup

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

## Caution

**WARNING:** Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.

**Prevention:** Wash thoroughly after handling. Avoid breathing mists and sprays. Use only outdoors or in a well-ventilated area. 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. IF INHALED; Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.

**Storage:** Store in a well-ventilated place. Store locked up.

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

See Safety Data Sheet for further details regarding the safe use of this product.

**KEEP OUT OF REACH OF CHILDREN.**

**FOR EXTERIOR USE ONLY.**

**KEEP FROM FREEZING.**

## Product Sizes

4KG (9.48 lb)	GALLON (13 lb)	55 GAL/205 L (693 lb)
5 GALLON (1368 lb)	275 GALLON (3000 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 7-years of purchase, provided it has been applied in accordance with our written directions for uses we recommend 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 DEFECTS IN THE PRODUCT.** For further details of Henry's product warranty, see our website at [www.henry.com/warranty](http://www.henry.com/warranty).