

Physical Properties

Appearance Smooth White	Maximum VOC <50 g/l	Specific Gravity @ 77° F (25°C) 1.24
Application Temperature 50° F and rising	Maximum VOS <0.41 lbs/gal	Tensile Strength Film (Initial) 210 psi (ASTM D-2370)
Brookfield Viscosity 15,000-20,000 cPs, 5D@20 RPM	Near Normal Emittance (LEED) 0.94 (ASTM E408)	Thermal Emittance 88% (ASTM C1371)
Color White	pH 9.0	Water Absorption 1.21 (ASTM D471)
Drying Time @ 50% R.H. 68°F (20°C) 2.5 hr	Recovery 97.3% (ASTM D2370)	Water Vapor Permeance 8.1 (ASTM E-96)
Elongation (Initial) 300% (ASTM D2370)	Reflectance 86% (ASTM C1549)	Weight Per Gallon 10 -10.4 lbs (ASTM D1475)
Flash Point >212° F (ASTM D56)	Solids By Weight 48-52%	

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

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 2 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 a deep-pile paint roller with wood handle and metal threads, keeping strokes in one direction. Apply directly to mineral 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 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 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. Do not allow pail to tumble as this may loosen the lid and allow leakage to occur. DO NOT ALLOW COATING IN PAIL TO FREEZE. This coating is 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.

Cleanup

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

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.

Caution

CAUTION! Do not heat container or store at temperatures greater than 120°F. 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.

FOR EXTERIOR USE ONLY.

KEEP OUT OF REACH OF CHILDREN.

KEEP FROM FREEZING.

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 (13 lb)	5 GALLON (57 lb)	55 GAL/205 L (693 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 be defective that substantially affect performance within 7 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 which also applies to this product.