



Last Rev Date: 09/24/2012

Physical Properties

Appearance Liquid	Flash Point 105°F min.	Solids By Weight 52% min. (ASTM D2824)
Base Asphalt and Aluminum	Maximum VOC 400 g/l	Stormer Viscosity 75 - 105 K.U. (ASTM D582)
Color Black liquid with silver pigment	Maximum VOS 3.3 lbs/gal	Weight Per Gallon 7.7 - 8.3 lbs (ASTM D1475)
Fire Resistance Pass (UL 790)	Reflectance 53% min.	

Approvals and Certifications

Manufactured to meet the requirements of ASTM D-2824, Type III.

UL Classified and CRRC Listed. Contact Henry Technical Service Dept. for further details.



Description

HE555FR - ALUMINUM ROOF COATING is a premium fibered aluminum coating that forms a tough, reflective surface. It can decrease air conditioning costs and can lower inside temperatures of buildings, up to 20° cooler in the summer. NOT TO BE SOLD IN SOUTHERN CALIFORNIA.

Usage

- Use as a surface coat for mineral surface cap sheet, smooth built-up, *modifiedPLUS*™ SBS or APP assemblies.
- Metal roofs, mobile homes with metal roofs, and other roof metal.
- Masonry surfaces previously coated with asphalt roof coating or asphalt primer.
- Weathered asphalt mastic including **Henry # 204, # 209, # 505, and # 906.**

Coverage

Coverage

- 2.0 gal/100 square feet--Mineral surfaced cap sheets.
- 1.25 gal/100 square feet--Metal surfaces.
- 1.5 gal/100 square feet--Smooth emulsion surfaces.

Note: Coverage varies with surface texture.

Surface Preparation

Carefully inspect area to be coated, including around pipes, chimneys, equipment, roof edges and walls. Repair all cracks, breaks, splits and holes by embedding polyester fabric or open mesh glass fabric between two heavy coats of roof cement, applied over and at least 2" beyond repair. Allow mastic to cure 30 days before coating. Surface must be clean, dry, and in good repair. Remove rust by wire brushing. Sweep or hose down area to remove all dust, dirt, and residues. Scrub areas where water ponds with detergent and water, and rinse well. Allow to dry thoroughly. New galvanized metal and hard-to-clean surfaces such as built-up roof from which the gravel has been removed should be primed with a light coat of asphalt primer, just enough to seal the surface without any build-up of film. Allow primer to dry thoroughly before applying **HE555FR - ALUMINUM ROOF COATING**.

Application

Mechanically mix thoroughly before and during application. Apply with good quality, soft bristled brush or commercial grade spray equipment. Apply liberally, brushing in one direction only. Do not lap. Over brushing will interfere with leafing action of the aluminum. Apply to a dry surface. Application to a damp surface will cause this product to appear brown.

Precautions

DO NOT APPLY IF THERE IS A THREAT OF RAIN, DEW, OR FROST WITHIN 48 HOURS. Do not heat container or store at temperatures greater than 110°F. 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. **CLOSE AIR INTAKES ON ROOF UNTIL SOLVENTS DISSIPATE!** This coating is not recommended in roof areas with inadequate drainage (e.g., ponding water), over gravel, 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. The usual age limit for roofs to be coated is 5 to 7 years, but this varies with condition of the roofing.

NOTE: Children can fall into bucket and drown. Keep children away from bucket with even a small amount of liquid.

Note: This coating, like all asphalt base materials, forms a small amount of water soluble material as it weathers. Normally this is not noticeable because the rain washes it away. In areas where there are long periods without rain, the roof should be hosed off occasionally to keep the roof surface clean and bright. If this is not done, the water soluble materials may accumulate enough to be carried down the sides by a heavy dew. This can create a brownish smudge on the side surface which can be removed by soap and water, without harming the finish. Areas that pond water may accumulate a more concentrated form of the asphalt residue.

Cleanup

Remove coating from tools, etc., with kerosene, paint thinner or mineral spirits. Use care when handling solvents. Clean hands with a waterless hand cleaner.

Caution

CAUTION! COMBUSTIBLE! Contains petroleum distillate. Keep away from heat and flame. Do not heat container or store at temperatures greater than 110°F. CLOSE AIR INTAKES until solvents dissipate. Contains volatile solvents that might contaminate potable water. Close container after use. Dispose of container and unused contents in accordance with Local, State and Federal regulations. **DANGER! HARMFUL OR FATAL IF SWALLOWED!** If swallowed, do not induce vomiting. CALL PHYSICIAN IMMEDIATELY! Use protective measures to avoid contact with eyes and skin. 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. **USE ONLY WITH ADEQUATE VENTILATION!** Avoid breathing of vapor. If you experience eye watering, headaches, or dizziness, leave area or increase fresh air or wear respirator (NIOSH/MSHA TC 23C or equal). Repeated and prolonged occupational overexposure to solvent vapor may cause permanent brain and nervous system damage, and may cause liver or kidney damage.

KEEP OUT OF REACH OF CHILDREN

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

5 GALLON (40 lb)

50 GAL/186 L (423.72 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 within 12 months 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 AND THE 7 YEAR EXTENDED WARRANTY ARE IN LIEU OF ANY OTHER WARRANTIES EXPRESS OR IMPLIED INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR 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.**

Extended Warranty

The **7 Year Extended Warranty is in addition to our Limited Warranty:** The "Limited Warranty" is in force for the first year after purchase of the product. After the Limited Warranty has expired, we warrant in this Extended Warranty that **HE555FR Aluminum Roof Coating** will remain reflective for at least seven years. As the brightness of the aluminum reflective coatings does vary with age, we make no claim that **HE555FR Aluminum Roof Coating** will maintain the maximum possible brightness for the full seven year period. But we do warrant that it will retain a minimum of 50% of its CRRC listed initial reflectance value. If our examination and testing determines that this is not the case, the sole and exclusive remedy is that we will provide a suitable replacement coating prorated from the date of application (material only, labor not included). This warranty applies only to the original purchaser, and the original invoice is required as proof of purchase. The coating must have been properly applied to a sound surface which we state is appropriate for the product and all recommendations, precautions, and instructions printed on the label must have been met in full compliance. Loss of reflectance due to a surface accumulation of foreign material such as dust, dirt, mildew, algae, etc., which must be removed in the course of regular roof maintenance, is excluded.