Henry #223 Standard Fibered Aluminum Roof Coating is a heavy-bodied, weatherproof blend of aluminum pigment, inert mineral fibers and asphalt in a solvent system specially formulated for roofing applications. A single application provides beauty and outstanding weather-resistant protection. Henry #223 Standard Fibered Aluminum Roof Coating dries to a non-glare silvery-matte reflective finish. By reflecting the sun's infrared and ultraviolet rays, reflective coatings provide the following benefits:

- Cooler interior temperatures
- Increase air conditioning efficiency
- Increased roof membrane longevity
- Additional weather protection

Uses

Use to coat mobile home, commercial and residential roofs:

- New or older mineral surfaced cap sheet or asphalt coated roofs, provided roof is in good condition
- Metal roofs and other metal surfaces such as evaporative coolers
- Masonry surfaces previously coated with asphalt roof coating or asphalt primer
- DO NOT USE over hot applied asphalt
- DO NOT USE on old roofs which are too dry and brittle to withstand the shrinkage stresses that occur after the application of any coating

Surface Preparation

Apply only to a clean and dry surface. Sweep or hose off thoroughly to remove all dust and dirt. Scrub low areas with detergent and rinse well.

Carefully inspect entire area to be coated. Repair all cracks, breaks, tears and holes by embedding Henry #183 Yellow Glass Reinforcing Fabric or #181 Black Asphalt-Saturated Glass Reinforcing Fabric between two heavy coats of Henry 204 Plastic Roof Cement or Henry #505 FlashMaster™ applied over, and at least 2" beyond, the area to be repaired. Allow Henry 204 Plastic Roof Cement, Henry #505 FlashMaster™ and any solvent-based asphalt roof coating to weather 30 days before applying aluminum coating, but an asphalt emulsion base coat should be topped with aluminum as soon as it is thoroughly dry (1-7 days depending on temperature and humidity.)

Uncoated concrete, masonry and new metal should be primed with a very light coat of Henry #103 or #104 Asphalt Primer. Apply just enough primer to seal the surface without any buildup of film. Allow primer to dry thoroughly before applying aluminum coating.

**Physical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Viscosity @ 77°F</td>
<td>2500-3500 cPs</td>
</tr>
<tr>
<td>Density @ 77°F</td>
<td>7.8-8.2 lbs/gal. (ASTM D-1475)</td>
</tr>
<tr>
<td>Solids by weight</td>
<td>50% minimum (ASTM D-2824)</td>
</tr>
<tr>
<td>Flash Point</td>
<td>100°F minimum (ASTM D-3278)</td>
</tr>
<tr>
<td>Uniformity</td>
<td>As described (ASTM D-2824)</td>
</tr>
<tr>
<td>Reflectance</td>
<td>50% minimum (ASTM D-2824)</td>
</tr>
<tr>
<td>Max. VOC</td>
<td>500 grams/liter</td>
</tr>
</tbody>
</table>

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

**Sizes**

- 5 gal. pail: 42 lbs. each
- 55 gal. drum: 480 lbs. each

**Coverage**

- 1 1/2 gallon per 100 sq. ft. on smooth surfaces.
- Coverage varies with surface texture.
#223 Standard Fibered Aluminum Roof Coating

**Application**

Do not attempt to thin. As the aluminum pigment will have settled to the bottom, stir thoroughly until any dark streaks disappear and coating has a uniform appearance.

Apply a single heavy coat over the entire surface with a roofing brush or heavy-duty spray equipment. Keep brush strokes running in the same direction.

**Precautions**

Do not apply if there is a threat of rain or DEW within 24 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 over gravel, hot applied asphalt, 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.

**Clean-up**

Remove coating from tools, etc. with kerosene, paint thinner or mineral spirits. Clean hands with 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 each 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.

NOTE: This coating, like all asphalt-based products, forms a small amount of water soluble material as it weathers. Normally this is not noticeable because the rain washes it away. However, roofs having a pitch less than 1/2" per foot, or ones having poor drainage, will accentuate the problem by concentrating the water soluble material in low spots. If there is no rainfall, hose these roofs off to remove the water solubles. Frequent inspection of these roofs is recommended because abnormally rapid deterioration of any roofing material may occur where water stands for long periods.

**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 recommended as suitable for this product. Proof of purchase must be provided. DISCLAIMER OF WARRANTIES: The 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, and we, the manufacturer, shall have no further liability of any kind including liability for consequential or incidental damages resulting from any defects or any delays caused by replacement or otherwise.