Henry #120 Premium Non-Fibered Aluminum Roof Paint

Description

Henry #120 Premium Non-Fibered Aluminum Roof Paint is a reflective roof coating with aluminum pigment and asphalt in a solvent system. Reflects the sun's heat and UV rays. A single application provides a bright, highly-reflective, weather-resistant surface.

- Economical 1-coat coverage. Can be spray applied.
- Twice as reflective as new white cap sheet.
- Prolongs roof life by reflecting UV rays.
- Cooler interiors, lower A/C costs.
- Minimizes granule loss on cap sheets.

Uses

- Mineral surface cap sheet: conventional, SBS or APP.
- Roof surfaces previously coated with asphalt emulsion may be coated as soon as the emulsion cures.
- The following substrates must first be coated with Henry asphalt emulsion: masonry, smooth surface SBS and APP, roofs which have been surfaced with a very thin “glaze” coat of hot asphalt.
- Roof surfaces previously coated with solvent-based coatings must weather for a season - approx. 3 months.

Surface Preparation

Surface must be clean and completely dry. Sweep or hose off thoroughly to remove all dust and dirt. Scrub low areas with detergent and rinse thoroughly. Carefully inspect entire roof area to be coated. Repair all cracks, breaks, tears and holes by embedding glass reinforcing fabric such as Henry #183 between two heavy coats of Henry #204® Plastic Roof Cement applied over and at least two inches beyond the area to be repaired. Allow repairs to cure 30 days before coating.

Physical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Binder</td>
<td>Roofing asphalt</td>
</tr>
<tr>
<td>Viscosity</td>
<td>#3 Zahn Cup 77°F = 15-20 seconds</td>
</tr>
<tr>
<td>Aluminum Paste Content</td>
<td>1.75 lbs. per gal. minimum</td>
</tr>
<tr>
<td>SETA Flash Point</td>
<td>110°F approximately</td>
</tr>
<tr>
<td>Solvent</td>
<td>Blend of petroleum distillates</td>
</tr>
<tr>
<td>Solids Content</td>
<td>55% by weight, 45% by volume</td>
</tr>
<tr>
<td>Maximum V.O.C.</td>
<td>500 grams/liter</td>
</tr>
<tr>
<td>Initial solar reflectance (CRRC)</td>
<td>0.59</td>
</tr>
<tr>
<td>Initial thermal emittance (CRRC)</td>
<td>0.49</td>
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Sizes

- 1 gal. pail ........................................10 lbs. each
- 5 gal. pails .......................................47 lbs. each
- 50 gal. drums ....................................490 lbs. each

Coverage

- Smooth surfaces: 0.25-0.33 gallons/square
- Mineral cap sheet: 0.33-0.5 gallons/square

Approval & Certifications

UL Classified for Class A and B Fire Rated Roof Coverings.

Henry stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating Council procedures. Rated Product ID - 0620-0012

Consult Henry Representative for specific assembly ratings and requirements.


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Specifications

Complies with ASTM D-2824, Type I

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Base Coat: Uncoated concrete and masonry, smooth surface modified bitumen and weathered asphalt roofing should first be coated with Henry #107® Asphalt Emulsion applied at the rate of 3 gallons per 100 sq. ft. Apply Henry #120 to the asphalt emulsion base coat as soon as it has cured sufficiently to take foot traffic without scuffing, usually within 1-7 days. Prime metal flashings with Henry #103 or #104 Asphalt Primer.

**Application**

Apply a single coat with a soft bristle brush, paint roller or spray equipment. Avoid over application. Stir thoroughly before and during application. Do not dilute. Power mixing is recommended for color uniformity.

**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! Directly over metal roofs or smooth surface modified bitumen systems, use Henry #220® AlumiTop®, #229 Aluminum Emulsion Roof Coating or #869 Elastomeric Aluminum Roof Coating. 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.

MAX V.O.C. = 500 grams per liter <>

Henry Company 2911 Slauson Avenue, Huntington Park, CA 90255
Technical Services • Phone: (800) 486-1278 • e-mail: techservices@henry.com
www.henry.com

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