



Last Rev Date: 09/20/2010

Physical Properties

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| Appearance Black liquid | Consistency @ 77° F Heavy paint | Minerals Or Stabilizers By Wt 7-12% (ASTM D-2939) |
| Application Temperature 45° F and rising | Degree of Staining/Absorption None (ASTM D-2746) | Pliability @ 32° F No cracking/separation |
| Ash 5-25% (ASTM D-2939) | Fire Resistance Pass (UL 790) | Solids By Weight 45-55% (ASTM D-2939) |
| Asphalt By Weight 44-51% (ASTM D-2939) | Flash Point >212° F | Specific Gravity @ 77° F (25°C) 1.08 |
| Behavior @ 140° F (60°C) No blistering/sagging/sliding | Freezability Do not freeze | Uniformity As described (ASTM D-2939) |
| Brookfield Viscosity 12000-19000 cPs (ASTM D-2196) | Maximum VOC 0 calculated | Weight Per Gallon 8.6-9.0 lbs (ASTM D-2939) |
| Color Black | | |

Approvals and Certifications

Manufactured to meet the requirements of ASTM D-1227, Type II, Class I, Dade County Compliant.

UL listed for Class A and B fire rated roof coverings.

Consult Henry Representative for specific assembly ratings and requirements. (800) 486-1278

See Henry Specification Manual for detailed Roofing and Roof Maintenance & Restoration.



Description

HE307 - FIBERED ASPHALT EMULSION is a premium, versatile coating for the protection of roofing materials, metal, and masonry surfaces. Solvent free, it is made from asphalt emulsified with bentonite clay, inorganic fibers, and water. **# 307** is cold-applied, corrosion-resistant, and waterproof when dry. **# 307** does not crack, "alligator," run, or sag under extreme weather conditions. Resists most corrosive fumes and spray.

Usage

HE307 - FIBERED ASPHALT EMULSION can be used:

- As a protective coating for new or existing composition roofs and built-up roofs with smooth (not graveled) surfaces. Also suitable over SBS and APP roofs.
- As a base coat for gravel surfacing.
- As a base coat for reflective coatings.
- Dampproofing exterior below-grade foundations and walls.
- Anti-corrosive protection for metal roofs, steel structures, pipes, and tanks above or below ground level. **# 307** has not been tested or approved by the NSF for contact with potable water.

Coverage

Coverage per 100 square feet:

- Maintenance surfacing-----3 to 4 gallons.
- Embedment coating w/polyester-----3 to 4 gallons.
- Gravel surfacing-----5 to 6 gallons.

Surface Preparation

Carefully inspect area to be coated, including around pipes, chimneys, equipment, roof edges, and walls. Repair cracks, breaks, splits, and holes by embedding **# 195 Tietex® Polyester Fabric** or **# 181** or **# 183 Glass Fabric** between 2 heavy coats of **# 204** or **# 504 Plastic Roof Cement** or **# 209 Elastomastic®** applied over and at least 2 inches beyond repair. After sealing leaks, allow to cure for 30 days. **Note: # 307** is not designed to seal leaks!

Surface must be clean 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. For best results, substrate surface should be damp when coating is applied, but it must be free of standing water. Stir thoroughly--**# 307** is thixotropic and comes to the right consistency for application when stirred.

Prime concrete and masonry with **# 307** thinned by stirring in 20% water or if applying to a hard-to-clean surface such as a built-up roof from which the gravel has been removed.

Application

Apply emulsion by roofing brush or spray, uniformly covering the surface at the rate of 3 to 4 gallons per 100 square feet per application. For additional protection, apply a second coat at the same rate as soon as the first coat is thoroughly dry and firm enough to take foot traffic with out damage. Brush the second coat at right angles to the first. Apply a reflective coating as soon as the top coat has completely cured. Choose from a wide range of Henry reflective coatings: **# 229 Aluminum Emulsion Roof Coating**, **# 869 Elastomeric Aluminum Roof Coating**, **# 287 SolarFlex®** or **# 280 White Elastomeric Roof Coating**.

MAINTENANCE SYSTEM TO RENEW SMOOTH-SURFACE ROOFS, REINFORCE VALLEYS, AND SEAL

FLASHINGS: Apply a base coat of **# 307** at 3 to 4 gallons per 100 square feet. Embed a layer of **# 195** or **# 196 Titex® Polyester Fabric** without wrinkles or buckles into the wet base coat as reinforcement and "broom in" immediately. When dry enough to take foot traffic, apply a second coat of **# 307** at 3 to 4 gallons per 100 square feet. Top with a reflective coating as soon as the emulsion has cured. Usually dries 6-24 hours in hot and dry weather conditions. Drying will be slower, 2 to 7 days in cool damp weather. Allow to dry completely between coats. Coating becomes waterproof only after drying thoroughly.

GRAVEL SURFACING: Emulsion should be applied 5 to 6 gallons per 100 square feet.

DAMPPROOFING BELOW-GRADE FOUNDATIONS: Request specification sheet for dampproofing with **# 307**

Precautions

Do not apply HE307 - FIBERED ASPHALT EMULSION when the temperature is below 50° F or if there is a threat of rain or temperatures below 50° F within 24 hours. **HE307 - FIBERED ASPHALT EMULSION** is only waterproof when thoroughly dry. Do not heat container or store at temperatures greater than 120° F. **DO NOT ALLOW COATING IN PAIL TO FREEZE.** This coating is not recommended over gravel, rubber or PVC sheet roofing, shingles of any kind. Suitability to coat roof with or without reinforcement varies with the condition of the roof. Application over hot applied asphalt without reinforcement may not prevent alligating.

Cleanup

Fresh coating can be removed with water. Use kerosene, paint thinner, or mineral spirits if material has started to dry. Clean hands with waterless hand cleaner. Keep brushes in water when not in use.

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. **GET MEDICAL ATTENTION.** <In case of accidental injection by power spray equipment, **GET MEDICAL ATTENTION IMMEDIATELY!** **KEEP OUT OF REACH OF CHILDREN! DO NOT ALLOW THIS PRODUCT TO FREEZE!**

WARNING:

This product contains detectable amounts of chemicals known to the State of California to cause cancer, 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.

Product Sizes

5 GAL/18.93 L (48 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 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 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.**