



Last Rev Date: 08/24/2015

Physical Properties

Appearance Black liquid	Consistency @ 77° F Thixotropic liquid	Maximum VOC 0 calculated
Application Temperature 50° F and rising	Flammability Non-flammable when wet	Solids By Volume 40 - 50%
Base Asphalt, bentonite clay emulsion	Flash Point >212° F	Solids By Weight 47 - 53% (ASTM D-2939)
Brookfield Viscosity 8000-15,000 cPs (ASTM D-2196)	Freezability Keep from freezing	Weight Per Gallon 8.5 - 9.1 lbs/gal
Color Black		

Approvals and Certifications

Exceeds the requirements of ASTM D-1227-95, Type III, Class I, Dade County Compliant.

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

FM approved. Subject to the conditions of approval as a roof coating when installed as described in the current edition of the FMRC approval guide.

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

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



Description

HE107 - ASPHALT EMULSION SEALER AND DAMPPROOFER is a premium, versatile protective coating. Non-flammable while wet, corrosion resistant and waterproof when dry. Crack and "alligator" resistant.

Features:

- For dampproofing exterior below-grade foundations and walls
- Protects roofing materials, roofing and masonry
- Base coat for energy saving reflective coatings
- Crack and "alligator" resistant
- Corrosion resistant and waterproof
- Non-fibered

Coverage

Approximately 100 square feet per 3 - 4 gallons (9 m sq. per 11-15 L) when applied as one coat.

Surface Preparation

Clean: Surface must be clean, dry and sound. Remove rust with wire brush. Sweep or rinse to clear dust, dirt, and residues. Scrub areas where water ponds with detergent and water, and rinse well.

Repair: Inspect area to be coated. This product is not designed to seal leaks. Repair all cracks, splits and holes by layering **Henry 181, 183, 195, or 196 Fabric** between two heavy coats of **Henry 204® Plastic Roof Cement** or **Henry 209 Extreme Wet Patch® Roof Leak Repair** and allow to cure for 30 days.

Application

For tighter bond, surface should be damp, but free of ponding water. Stir coating thoroughly and apply with heavy-duty sprayer, deep-pile paint roller or roofing brush, keeping strokes in one direction. For hard-to-clean surfaces such as built-up roof with gravel removed or priming concrete and masonry, thin product with 20% water.

Recoat: For best results, apply a second coat as soon as the first is thoroughly dry. Apply the second coat at right angles to the first. To renew smooth-surface roofs, reinforce valleys and seal flashings, embed a layer of polyester fabric without wrinkles or buckles into the wet base coat and "broom in" immediately, then apply a 2nd coat when first is dry.

Optional: Apply a reflective coating as soon as the top coat has cured.

MONOLITHIC™: For a reinforced waterproof surface, use approved glass chopper spray gun to cover prepared surface with 9 gallons per 100 sq. ft. (34 L per 9 m sq.) of product, evenly blended with 3 lbs. per 100 sq. ft. (1.4 kg per 9m) of 3/4" **Henry 189 Fiberglass Roving**.

EXTERIOR, BELOW GRADE, DENSE SURFACES: For dense concrete not subject to hydrostatic pressure, 1 coat, about 1/16" (1.6mm) thickness is usually adequate. If applying by spray or for severe conditions, 2 coats are preferred. Fill all crevices and grooves. Make sure coating is continuous with no breaks or pinholes. Coat over exposed top and outside footing edges. Spread around all joints, grooves, and slots and into all chases, corners, reveals, and soffits. Bring coating up to finished grade.

EXTERIOR, BELOW GRADE, POROUS SURFACES: For porous surfaces such as concrete block, 3 alternate techniques are equally effective; base your choice on local preference and available equipment.

A) Two Coat System: Apply a base coat of **HE107**, cut 20% by volume with clean water, over entire prepared surface. Apply base coat at a rate of 1.5 gallons per 100 square feet. Allow base coat to dry tacky to touch and apply 1 coat of **HE107** as described under Dense Surfaces. Allow to set 24 - 48 hours before backfilling as described previously.

B) Membrane System: For severe conditions or added protection, apply a base coat followed by a coat of **HE107** as described above. Within 2 hours, apply **Henry 183 Glass Fabric** membrane over all surfaces of coating, overlapping edges at least 3" to 4". Embed glass fabric into coating without wrinkles or buckles. Within 24 hours, apply an additional coat of **HE107**; allow to set at least 24 - 48 hours and backfill as previously described.

C) Parge Coat System: Apply a parge coat of cement mortar to the block wall, carrying the parge coat from the bottom of the footings to grade level and forming a cove at the junction of the wall and footing. Allow to cure. Apply 1 - 2 coats of product as described under Dense Surfaces. Allow to set and then backfill as previously described.

INTERIOR, ABOVE GRADE, WEATHER RESISTIVE BARRIER: For exterior face of interior walls in cavity wall construction. Compatible with masonry, concrete, CMU and gypsum sheathing. Apply 1 coat, carrying coating in and around all joints, grooves and slots, following all reveals and soffits of windows and continuing 12" (30.5 cm) out on adjoining partitions and soffits. Allow to set. If walls are to receive hard wall plaster, use furring strips or metal lath.

Precautions

DO NOT APPLY IF RAIN OR TEMPERATURES BELOW 50°F (10°C) ARE EXPECTED WITHIN 24 HOURS. Do not heat container or store at temperatures greater than 110°F (43°C). When transporting, make sure the pail is secured and the lid is tight to prevent spills. DO NOT ALLOW COATING IN PAIL TO FREEZE. Not recommended over gravel, plywood, rubber, or PVC sheet roofing or shingles of any kind. Typical age limit for roofs to be coated is 7 to 10 years, but varies with roof condition. Application over hot applied asphalt may not prevent alligatoring.

Drying: Usually 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.

Cleanup

Clean wet coating from hands and tools with **Henry Scrubbers™ Hand & Tool Cleaning Towels** or soap and water. If dry, clean tools with kerosene, paint thinner or mineral spirits.

Caution

WARNING. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.

Prevention: Wash thoroughly after handling. Avoid breathing mists and sprays. Use only outdoors or in a well-ventilated area. Wear protective gloves and eye protection.

IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs; Get medical advice or attention. Take off contaminated clothing and wash it before reuse. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention. **IF INHALED:** Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.

Storage: Store in a well-ventilated place. Store locked up.

Disposal: Dispose of contents/containers in accordance with local/regional/national/international regulations.

See safety data sheet for further details regarding the safe use of this product.

FOR EXTERIOR USE ONLY.

NOT FOR USE ON DRIVEWAYS.

KEEP FROM FREEZING.

KEEP OUT OF REACH OF CHILDREN.

WARNING: This product contains detectable amounts of chemicals known to the State of California to cause cancer, and/or birth defects, or other reproductive harm.

Note: Asphalt-based coatings form a water soluble residue as they weather. In areas without regular rainfall, the roof should be hosed off occasionally to prevent build up and discoloration (removable with soap and water). Areas that pond water may accumulate more asphalt residue.

Product Sizes

BULK (GALLONS) (8.58 lb)
5 GAL/18.93 L (47 lb)
275 GALLON (2365 lb)

4KG (9.48 lb)
5 GALLON (47 lb)

GALLON (9.5 lb)
55 GAL/205 L (499 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 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.