

Physical Properties

Appearance Black, fibrous	Flash Point 105° F (ASTM D-3278)	Solids By Weight >70 % (ASTM D-2822)
Behavior @ 140° F No blistering/sagging/sliding (ASTM D-2822)	Maximum VOC 300 g/l	Specific Gravity @ 77° F (25°C) 1.03
Color Black	Maximum VOS 2.5 lbs/gal	Weight Per Gallon 8.4 - 8.8 lbs (ASTM D-2828)
Consistency @ 77° F Heavy Trowel Grade (ASTM D-217)	Pliability @ 32° F No cracking or separation	

Approvals and Certifications

Manufactured to meet the requirements of ASTM D-4586, Type I, Federal Specification SS-C-153C Type I, and is UL Classified. HE505 is Dade County Approved.

Description

HE505 - FLASHMASTER™ is a premium quality, trowel-grade flashing cement for use on dry surfaces in all temperature conditions. **HE505 - FLASHMASTER™** is modified and rubberized for long life and flexibility. Made from heavy-bodied asphalt reinforced with organic fibers.

Usage

- Compatible with composition, asphalt coated, SBS modified, metal and masonry roofs.
- Use for 3- or 5- course flashing in B.U.R.
- Seal leaks and openings around flashings, chimneys, vents, skylights, joints in metal edging, gutters, etc.
- Seal metal flanges to roof membrane
- Seal flashing pans around roof penetrations
- Repair holes, cracks and splits

Coverage

12 1/2 sq. ft. per gallon applied 1/8" thick.

Surface Preparation

HE505 - FLASHMASTER™ is ready to use. Do not thin. In cold weather, workability is enhanced by storing 24 hours at room temperature prior to application. Do not heat container. Surface must be clean and dry. Cut away old roof cement if it prevents a smooth patch. Remove rust and scale from metal by wire brushing. Sweep area thoroughly to remove all gravel, dust, dirt and other foreign matter that would interfere with a good bond. To achieve a better bond on new or previously uncoated concrete, masonry or metal, prime with **Henry #103** or **#104 Asphalt Primer**. Priming is also recommended on surfaces which are very dusty, rusty, or highly absorbent.

Application

Repair cracks, breaks, tears and holes by applying 1/8" to 1/4" thick with a trowel or putty knife. Work into the crack or break and spread 2" - 4" beyond, feathering the edges. If damaged area is over 1/4" wide or 2" long, embed **#195** or **#196** polyester fabric or **#181** or **#183** open mesh glass reinforcement into the mastic, then cover with additional mastic.

Precautions

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 SOILVENTS DISSIPATE! Not recommended for use over gravel, EPDM or PVC sheet roofing, or wood shingles. To extend the life of the mastic, after it has weathered 30 days, coat with **Henry #220 AlumiTop®. HE505 - FLASHMASTER™** must be applied to a dry surface but can be subjected to rain or moisture after application. Fully cured after 30 days in ideal weather conditions. On wet surfaces use **Henry #208 Wet Patch® Roof Cement**.

Cleanup

Remove mastic from tools, etc., with kerosene, paint thinner or mineral spirits. Clean hands with a waterless hand cleaner.

Caution

WARNING! 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. GET MEDICAL ATTENTION! **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!

FOR EXTERIOR USE ONLY.

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 cement, 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

GALLON (9.25 lb)

3.5 GALLON (33 lb)

5 GALLON (47 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.**