



Last Rev Date: 09/09/2011

**Physical Properties**

<b>Appearance</b> Black liquid	<b>Color</b> Black	<b>Solids By Weight</b> 70%
<b>Base</b> Air-blown asphalt	<b>Consistency @ 77° F</b> Viscous liquid suitable for brush or spray applic.	<b>Specific Gravity @ 77° F (25°C)</b> 1.01
<b>Brookfield Viscosity</b> 22,000 - 30,000 cps	<b>Maximum VOC</b> 300 g/l	<b>Weight Per Gallon</b> 8.3-8.5 lbs (ASTM D-2828)

**Approvals and Certifications**

Conforms to ASTM D-3019 Type III.

UL Classified for Class A and B Fire Rated Roof Coverings. Consult Henry Representative for specific assembly ratings and requirements. See Henry Roofing Manual for detailed Roofing, Reroofing, and Roof Maintenance & Restoration specifications.

Base----Asphalt, special additives, and petroleum solvents.



**Description**

**HE203 - ROLL ROOFING ADHESIVE** is a premium, brush or squeegee grade, waterproof adhesive made from asphalt, solvents, and organic fibers. As a replacement for hot asphalt in built-up roofing (BUR) applications, **HE203 - ROLL ROOFING ADHESIVE** is designed for bonding layers of asphalt coated base sheets. Can also be used to bond selvedge laps on composition and 90 lb. asphalt roll roofing. **HE203 - ROLL ROOFING ADHESIVE** gives the following benefits:

- **SAFE** - Eliminates burn and fire hazards of hot asphalt
- **STRONG** - Greater cohesive strength for a reliable roof
- **FLEXIBLE** - Greater cold weather flexibility than hot asphalt
- **EFFICIENT** - Cold-Ap requires less labor than hot asphalt
- **APPROVED** - U.L. Class A in a variety of roof systems

**Usage**

**Recommended for use in BUR applications with:**

- 25# or heavier asphalt-coated fiberglass base sheets
- Conventional mineral surfaced cap sheet
- Polyester fabric
- Bonding gravel or granule surfacing

## Coverage

Apply **HE203 - ROLL ROOFING ADHESIVE** in uniform single coat of 1.5 - 2.0 gal/sq. as an interply adhesive. Coverage varies with smoothness and porosity of surface coated. Coverage of 3.5 gal/sq. when used to bond granules or 6.0 gal/sq. for bonding gravel to roof membrane.

## Surface Preparation

When applying over an existing roof membrane, the roof surface must be clean, dry, smooth, and even. Blisters, buckles, and raised edges should be cut and flattened. Check flashings, edgings, drains, valleys, and vents and repair as needed.

NOTE: A roof membrane in poor condition, moisture in the existing roof, or local building codes may require tear-off of an old roof.

## Application

**HE203 - ROLL ROOFING ADHESIVE** is suitable for application with a notched squeegee or 4-knot roofing brush. Stir adhesive to uniform consistency before using. Do not thin. Apply adhesive evenly and uniformly with full coverage between each layer. After adhesive is applied, a few minutes of "open time" will accelerate curing time. Roofing may usually be placed up to 1/2 hour after adhesive has been applied. While adhesive is tacky, press roofing into adhesive by brooming. Roll with a weighted roller several hours later. Adhesion is improved by brushing underside of sheets at laps and walls with a thin film of adhesive. Remove excess adhesive from exposed surfaces. On laps, apply only a sufficient quantity of adhesive such that a small bead of product appears after pressing - in the lap. On slopes over 1" in 12", blind nail 2nd and 3rd layer 1" down from upper edge every 12". **Henry #505 FlashMaster™** or **Henry #209 ElastoMastic®** can be used when vertical flashing or heavy duty sealing application is required.

**Built-Up Roofing:** BUR is a demanding and exacting job for the roofing professional--It is not recommended for the D-I-Yer. As it is impossible to cover all the details of built-up roofing here, follow the directions of the roofing material manufacturer and follow NRCA guidelines for details and terminations.

**Top Coating:** Allow 30 days of warm, dry weather before surfacing BUR with emulsion and a reflective coating.

## Precautions

DO NOT USE with #15 or #30 saturated felts. Not all APP torch down membranes are alike, and as such application of **HE203 - ROLL ROOFING ADHESIVE** with APP membranes may not yield satisfactory results. Please contact the Henry Technical Service Department and the APP membrane manufacturer before proceeding. DO NOT USE with solvent sensitive insulation, rubber, or PVC sheet roofing. Weather should be at least 65° F (18°C), dry and clear, with no threat of rain for 48 hours. CLOSE AIR INTAKES ON ROOF UNTIL SOLVENTS DISSIPATE! DO NOT HEAT CONTAINER. Do not store at temperatures greater than 90° F (32.2°C). 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. For spray applications, use **Henry #403 Cold-Ap® Cement** or **#902 PBA® Permanent Bond Adhesive**. Do not use this product as a coating, or to attempt to seal gravel, rubber, or PVC sheet roofing, or shingles of any kind.

NOTE: This adhesive, 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.

## Cleanup

Remove dried adhesive from tools, etc., with kerosene, paint thinner, or mineral spirits, or with an approved low-VOC solvent. 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 90°F (32.2°C). **CLOSE AIR INTAKES** on roof 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 immediately or increase fresh air or wear respirator (NIOSH/MSHA TC 23C or equivalent). Repeated and prolonged occupational overexposure to solvent vapor may cause permanent brain and nervous system damage, and may cause liver or kidney damage.

### FOR EXTERIOR USE ONLY!

**KEEP OUT OF REACH OF CHILDREN.** Children can fall into a bucket containing even a small amount of liquid and drown.

**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.

## Product Sizes

GALLON (9.5 lb)

5 GALLON (41 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.**