

Physical property	Typical value	Test method
Appearance	Glossy Black, Fibrous	-
Color	Black	-
Consistency at 77° F	Squeegee, brush, or spray	-
Flash Point	105°F	-
Lap Peel Strength	>30 lbf/in	-
Maximum VOC	390 g/l	-
Maximum VOS	3.2 lbs/gal	-
Solids By Weight	<65%	-
Specific Gravity at 77°F (25°C)	0.99	-
Suspendability	Settles slightly	-
Weight Per Gallon	7.9-8.3 lbs	-

Approvals and Certifications

Manufactured to meet the requirements of ASTM D-3019, Type III and Dade County Compliant. 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

HE553 - MBA GOLD MODIFIED BITUMEN ADHESIVE is a fibrated rubberized adhesive with a bonding strength designed specifically for adhering modified bitumen and asphalt coated membranes to properly prepared surfaces. It sets by loss of solvent content through evaporation. Because of its ease of application, economical cost and strong bonding, it is widely used in application of modified bitumen cap sheets. Lap strengths far exceed minimum requirements of ASTM D-3019. **HE553 - MBA GOLD MODIFIED BITUMEN ADHESIVE** has excellent low temperature flexibility. It does not require red label solvent identification. **Not for sale in the following areas: California South Coast Air Quality Management District (SCAQMD), New Jersey, Connecticut, Maryland, and District of Columbia. Contact Henry Customer Service for alternate products in those areas.**

Usage

HE553 - MBA GOLD MODIFIED BITUMEN ADHESIVE is especially formulated for use as a cold adhesive over asphalt coated base sheets. **HE553 - MBA GOLD MODIFIED BITUMEN ADHESIVE** is designed to be used to adhere modified bitumen membrane having no polyethylene backing. It has many advantages over the use of hot asphalt in applying modified asphalt sheets. **HE553 - MBA GOLD MODIFIED BITUMEN ADHESIVE** eliminates the hazard of hot kettle fires around industrial plants. Roofing can be applied under controlled conditions. The hazards of torch application, as well as hot asphalt fumes and odors, are eliminated.

Coverage

1.5 gallons per 100 square feet.

Surface Preparation

All surfaces to be coated with **HE553 - MBA GOLD MODIFIED BITUMEN ADH ESIVE** must be dry, swept clean, and free from oil, grease, rust, scale, loose paint, dirt, and other foreign matter that would interfere with a good bond.

Application

Stir in container and apply by notched squeegee, brush or suitable spray equipment. A notched squeegee with notches 1/4" long, 1/8" deep and spaced 1" on centers is preferred method for smooth surfaces. For irregular surfaces, the notch should be 1/4" deep. Average application rate is 1.5 gallons per 100 square feet. Do not over apply. Sufficient adhesive should be applied at laps to result in a visible bead of adhesive at completed lap edge. Modified Bitumen Membranes should be cut in maximum 18 foot lengths and membrane allowed to relax on job site. Laps must be walked in or rolled after application. A Speeflow or Graco pump capable of delivering 3-5 gallons of mastic coating type material per minute is suitable. A pole gun with suitable spray tip orifice (usually 60 to 80 mils), without a breaker bar, is recommended. The material hose should be heavy duty, 3/4 inch I.D. air hose from pump to gun is preferred. When spraying at ambient temperatures below 70°F, use an in-line warmer to reduce back pressure and increase speed of application. Do not allow the material to exceed 110°F at the tip.

Precautions

CLOSE AIR INTAKES ON ROOF UNTIL SOLVENTS DISSIPATE! NOT RECOMMENDED FOR USE ON EPDM OR PVC SHEET ROOFING, WOOD SHINGLES, OR OVER GRAVEL. NOT TO BE USED FOR MODIFIED BITUMEN SINGLE PLY PRODUCTS WITH POLYETHYLENE BACKING. SOLVENT VAPOR CAN PENETRATE POROUS ROOF DECKS SUCH AS WOOD, PLYWOOD, OSB, CEMENTIOUS WOOD-FIBER PANELS, AND LIGHTWEIGHT CONCRETE. THE UNDERSIDE OF THESE TYPES OF ROOF DECKS MUST BE PROPERLY VENTILATED TO THE OUTSIDE TO PREVENT ODOR INSIDE THE BUILDING. **HE553 - MBA GOLD MODIFIED BITUMEN ADH ESIVE** does not freeze. Cold weather will cause it to stiffen, making application difficult. Store unopened container in a warm area at least 24 hours before using. This product is ready to use. Do not thin. 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. Not all APP torch down membranes are alike and as such, application of **HE553 - MBA GOLD MODIFIED BITUMEN ADH ESIVE** with APP membranes may not yield satisfactory results. Please contact the Henry Technical Services Department and the APP membrane manufacturer before proceeding. Do not use this product as a coating, or 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.

Clean Up

All equipment and tools should be cleaned with kerosene or mineral spirits immediately after use. Use care in handling solvents. Clean hands with a waterless hand cleaner.

Caution

COMBUSTIBLE! KEEP OUT OF REACH OF CHILDREN. Contains petroleum distillate. Keep away from heat and flame. Do not heat container or store at temperatures greater the 110° F. **CLOSE AIR INTAKES** until solvents dissipate. Contains volatile solvents that might contaminate potable water. Close container after use. **DANGER! HARMFUL OR FATAL IF SWALLOWED! If swallowed, do not induce vomiting. CALL A 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!** If you experience eye watering, headaches, or dizziness, leave area immediately or increase fresh air or wear respiratory protection (**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. **WARNING:** This product

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HE553 – MBA GOLD Modified Bitumen Adhesive

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

4.75 GALLON (39 lbs.)

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.