

MBA Gold®

Elastomeric Modified Bitumen Adhesive

Physical Properties

-Colour	Black	-Service Temperature	-40°C to 85°C (-40°F to 185°F)
-Solids by Weight	61% (approx.)	-Application Temperature	5°C to 40°C
-Weight	1.0 kg/l (approx.) (8.3 lbs./U.S. gal.)	-Flammability	Wet: Flammable Dry: Burns
-Coverage (Per coat)	0.65 to 1.1 l/m ² (average) (1.5 to 2.5 U.S. gal./100 ft ²)	-Lap Shear Strength (Fully Cured)	Exceeds 5.3 KN/m (30 lbf/in.)
-Drying Time	@50% R.H. 20°C (68°F)		
Initial Set	2 hours		
Set Through	24 hours		

Description

Bakor MBA Gold® is a fibrated rubberized adhesive with a bonding strength designed specifically for adhering SBS Modified Bitumen and asphalt coated membranes directly to properly prepared substrates. Due to its ease of application and strong bonding, **MBA Gold®** is widely used to bond SBS modified bitumen membranes. Lap strengths far exceed the requirements of ASTM D 3019.

Features

- Provides excellent bond strength
- Excellent low temperature flexibility
- Easily applied as a cold adhesive under controlled conditions
- Spray or notched squeegee applied
- Eliminates the fire hazards of hot asphalt kettles or propane torch applications and related asphalt fumes

Uses

Bakor MBA Gold® is used as a cold adhesive for bonding layers of polymer modified asphalt sheets and for adhering sheets to a prepared substrate.

Limitations

Not recommended for use with modified bitumen products with polyethylene backing or APP modified bitumen. Do not use in contact with polystyrene insulation or where solvent vapour concentrations may affect polystyrene insulation. Avoid use where solvent odours may taint food or other susceptible products. Do not apply to wet surfaces. Protect new work from flame or adjacent welding activity. During cold weather, condition material at warm temperature before use. Avoid overly liberal application or prolonged softening of membrane may occur.

Refer to Guide Specification for complete product information.

Preparation

Application surfaces must be sound, dry and free from frost, dust, dirt, grease, oil or other contaminants.

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Application

Material should be conditioned at room temperature for ease of application.

Roll out *modifiedPLUS*® **Modified Bitumen Membrane** and allow to relax prior to application of adhesive.

Stir container and apply **MBA Gold**® by notched squeegee or spray at a rate of 0.65 L/m² (1.5 US gal/100 ft²). Notched squeegee should have notches 6 mm (1/4") wide, 3 mm (1/8") deep and spaced 25 mm (1") on centers. Depth of notch should be 4.5 to 6 mm (3/16" to 1/4") for irregular surfaces. Sufficient adhesive should be applied at the laps to result in a visible bead of adhesive at the completed lap edge. For best results it is recommended that the membrane be rolled with a weighted roller immediately after installation. At the end of each days work, all laps must be inspected.

Spray Equipment: Graco or Speedflow pump capable of delivering 11 L to 19 L (3 to 5 U.S. gal/minute) of mastic coating type material is suitable. A pole gun with a suitable spray tip orifice without a breaker bar, usually 60 mils, is recommended.

Clean Up

Use mineral spirits or other low hazard solvent.

Caution

HARMFUL IF SWALLOWED. Contains flammable solvents. Take suitable fire precautions. Do not allow smoking or welding in working area. Avoid excessive heat, open flames or sparks. Use in well ventilated areas. Avoid prolonged breathing of vapours and repeated contact with the skin. Prolonged or repeated skin contact may cause severe skin problems such as lesions or dermatitis. Remove from skin with waterless hand cleaner or with soap and water. If ingested, do not induce vomiting. If vomiting, take care to prevent aspiration. Keep person warm, quiet and SEEK MEDICAL ATTENTION. Avoid contact with eyes. For eyes, flush with water for 15 minutes and SEEK MEDICAL ATTENTION. Inhalation of high concentration of vapours can cause headache, dizziness, nausea, etc. For effects of inhalation, evacuate to fresh air. Give artificial respiration if needed and SEEK MEDICAL ATTENTION. Wear organic vapour mask and safety goggles if applied by spray. Will react with strong oxidizing agents. Harmful if swallowed. Keep containers covered when not in use.

Statement of Responsibility

The technical and application information herein is based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use. Henry Company data sheets are updated on a regular basis; it is the user's responsibility to obtain and to confirm the most recent version. Information contained in this data sheet may change without notice.