

OVERVIEW & FEATURES

Black-Knight/Black-Stallion Mastic is a high-performance, cold-applied, trowel-grade roofing mastic formulated with a coal tar-based, polymer-modified compound. Unlike conventional coal tar mastics, this product features a non-sag formulation, ensuring superior application on both vertical and horizontal surfaces.

Black-Knight/Black Stallion Mastic is designed for waterproofing and repairing built-up roofing systems, flashings, and other roof structures. It provides excellent adhesion to various substrates, including concrete, metal, and asphalt, ensuring long-lasting protection against moisture infiltration, chemicals, and UV exposure. Ideal for sealing seams, cracks, and blisters, Black-Knight/Black Stallion Mastic enhances roof durability and is particularly suited for areas exposed to standing water or harsh weather conditions.

Coal Tar-Based Durability - Incorporates the inherent resistance of coal tar to moisture, chemicals, UV degradation, and weathering. The advanced polymer modification enhances flexibility, delivering long-term performance and extended service life.

Consistent, Factory-Controlled Quality - Manufactured under strict quality control standards, ensuring uniform product consistency and eliminating variability associated with field-prepared mastics.

Non-Sag Formulation - Maintains position without running or sagging under normal roofing temperatures, making it highly effective on vertical surfaces where traditional mastics may fail.

All-Weather Application - Suitable for use in both hot and cold conditions. The mastic is plasticized for flexibility, adheres to damp or dry substrates, and remains workable even in colder climates, supporting faster installation and reduced labor costs.

APPLICATION

Wall Flashings - Black-Knight/Black-Stallion Mastic should be applied to clean, dry, and smooth surfaces for optimal performance. For dusty substrates or exceptionally smooth materials such as metal, a base coat of Black-Knight / Black-Stallion Primer is recommended to enhance adhesion.

The mastic is formulated for trowel-grade application—spread the product evenly across the surface using standard roofing tools. For best results, apply a portion of the mastic to both the back of the flashing membrane and the substrate to ensure a secure and lasting bond.

Black-Knight/Black-Stallion Mastic should be applied at a rate of 2 - 3 gal./100 sq. ft. (0.82 - 1.22 l/m²). Coverage may vary depending on the porosity of the substrate.

When installing the membrane, ensure full contact by embedding it with consistent pressure to achieve uniform mastic distribution and complete adhesion. The use of a roller is recommended to facilitate even embedding and optimal performance. Flashings should not be applied more than 24 inches above the roof surface.

Note: While Black-Knight/Black-Stallion Mastic may thicken in colder temperatures, do not attempt to thin the product. For ease of application, store containers in a heated area until use.

Repair Material - Remove all loose dirt, dust, and debris from the repair area using a stiff brush or broom. Inspect for and secure any loose roofing nails before proceeding. Apply Black-Knight/Black-Stallion Mastic directly into and over the damaged area using a trowel or putty knife. For cracks or holes, fill completely with mastic and feather the edges for a smooth finish. The recommended application rate is approximately 1 gal./7 ln. ft. based on an application width of 8 inches and a depth of 1/4 inch. No additional membrane or roofing paper is required for reinforcement. For easier application in cold weather, store the mastic in a heated area prior to use.

Black-Knight/Black-Stallion Mastic is used solely for emergency repairs. All temporary patches must be replaced with recommended repair products or systems as weather permits.

CLEAN UP

Clean equipment with an approved solvent immediately after use. Use a waterless hand cleaner on skin.

PRECAUTIONS

- Do not use Black-Knight/Black-Stallion Mastic over rubber or plastic substrates
- Use with adequate ventilation
- Keep away from open flame
- In depth safety information can be obtained from Garland's Contractor Safety Guide, MSDS Sheet or the NRCA's Safety Awareness video
- Do not thin
- Do not use where product may come in contact with potable water
- Keep material warm prior to application when at or below 50°F (10°C). Store in a heated warehouse between 70°F-80°F at least 24 hours.
- Exterior use only



Technical Data	Black-Knight/Black-Stallion Mastic
Viscosity (cPs) Brookfield Heliopath, #6 spindle at 2.5 rpm	604,000 - 924,000
Flash Point (ASTM D 92)	≥ 105°F (40°C)
Non-Volatile (ASTM D 2369)	87%
Density @ 77°F (25°C) (ASTM D 1475)	9.7 lbs. (1.16 g/cm ³)
Drying Time to touch @ 70°F (21.1°C)	8 Hours
Shelf Life	12 months
Coverage	
Mat Repairs 1/4" thickness (6.3 mm thickness)	5 - 6 sq. ft./gal. (0.12 - 0.15 m ² /l)
Flashing Repairs 1/4" thickness (6.3 mm thickness)	7 lin. ft./gal. covers 8 in. wide (0.27 m/l covers 20 cm wide)
Packaging	5 gallon (18.9 l) pail

Eco-Facts	Black-Knight/Black-Stallion Mastic
VOC	200 g/L
Recycled Content Post Industrial	70%

For specific recommendations and coverage rates, please contact your local Garland Representative or Garland Technical Service Department.

Please refer to the product information, Material Safety Data Sheet, and labeling for the potential risks and benefits. Exposure to this product may cause skin and respiratory tract irritation; prolonged skin exposure may result in skin cancer; inhalation of vapors may cause central nervous system effects and long term exposure has been associated with kidney, bladder, scrotum and lung cancer.



For more information, visit us at: www.garlandco.com

The Garland Company, Inc.
3800 East 91st Street
Cleveland, OH 44105
FAX: 216-641-0633
Phone: 216-641-7500
Toll Free: 800-321-9336

Garland Canada Inc.
3565 Nashua Drive
Mississauga, ON L4V 1R1
Canada
FAX: 416-747-1980
Phone: 416-747-7995
Toll Free: 800-387-5991
(Only in Canada)

Tests verified by independent laboratories. Actual roof performance specifications will vary depending on test speed and temperature. Data reflects samples randomly collected. A ± 10% variation may be experienced. The above data supersedes all previously published information. Consult your local Garland Representative or Garland Corporate Office for more information.

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