

## OVERVIEW & FEATURES

Black-Knight/Black-Stallion Cold is a next-generation, polymer-modified cold-process roofing bitumen, expertly engineered for maximum durability and performance. This powerful blend of refined tars, premium solvents, rubberized polymers, fibers, and fillers delivers exceptional sag resistance, enhanced flexibility, and superior impact protection. Designed to outperform traditional coal tar, Black-Knight/Black-Stallion Cold ensures long-lasting strength and reliability, even in the toughest conditions.

Black-Knight/Black-Stallion Cold is designed to be used as a flood coat over new and existing hot asphalt and coal tar built up roofs and modified bitumen roofs; or as a premium restoration material for previously graveled roofs.

**Durability and Weather Resistance** - Black-Knight/Black-Stallion Cold is engineered for increased longevity, combining the natural moisture, chemical, and UV resistance of coal tar pitch with the added strength and flexibility of advanced polymers. This formula forms a tightly bonded molecular structure, creating a powerful barrier against water, air, and oxidation—protecting your roof from the harshest environmental conditions.

**Cost Effective** - Black-Knight/Black-Stallion Cold offers superior long-term performance and low maintenance costs to reduce the life cycle costs associated with the roofing system. The high quality and performance of Black-Knight/Black-Stallion Cold will save building owners money year after year.

**Self-Healing** - Black-Knight/Black-Stallion Cold has cold-flow properties that allow it to slowly heal hairline cracks and alligating with elevated rooftop temperatures. Over the years, this process will continue, providing the owner with a long-term roofing solution by extending the life of the roofing system.

**Low Odor** - Due to its cold-applied nature, Black-Knight/Black-Stallion Cold eliminates many of the emissions associated with conventional coal tar.

## APPLICATION

Black-Knight/Black-Stallion Cold can be applied by brush, spray, or squeegee as any other conventional, high-performance roof coating.

**Flood Coat & Restoration** - Application for a flood coat on a new roof should be 4-5 gal./100 sq. ft. (1.63-2.04 l/m<sup>2</sup>); application on an existing roof where gravel has been removed should be 6-8 gal./100 sq. ft. (2.45 - 3.26 l/m<sup>2</sup>). Four hundred pounds (400 lbs.) of gravel per 100 sq. ft. should be applied following the application of Black-Knight/Black-Stallion Cold.

Black-Knight/Black-Stallion Cold should not be applied on roofs with a slope exceeding 1-1/2:12. Backnailing is required for slopes over 1/2:12. Please contact a local Garland representative for specifics.

## PRECAUTIONS

- Do not use Black-Knight/Black-Stallion Cold 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, SDS 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.
- As with all cold process materials, full cure is dependent on application rate, time and temperatures. Lingering odors are expected until product achieves full cure.
- Exterior use only
- Do not install as a flood coat over the StressPly SA system

Technical Data	Black-Knight/Black-Stallion Cold
<b>Viscosity (seconds)</b> Stormer Viscometer, 600 g	125-175 sec.
<b>Flash Point</b> (ASTM D 93)	105°F (40°C)
<b>Non-Volatile</b> (ASTM D 4479)	Typical 77%
<b>Weight per gallon</b> Typical	9.4 lbs./gal (1.126 g/cm <sup>3</sup> )
<b>Drying Time to touch</b> @ 70°F (21.1°C)	4-6 Hours
<b>Shelf Life</b>	12 months
<b>Wet Film Thickness</b> New Flood Coat Restoration	64-80 mils 96-128 mils
<b>Coverage</b> New Flood Coat  Restoration	4-5 gal/100 sq. ft. (1.63-2.04 l/m <sup>2</sup> )  6-8 gal/100 sq. ft. (2.45-3.26 l/m <sup>2</sup> )
<b>Packaging</b>	5 gallon (18.9 l) pail 55 gallon (208.2 l) drum

Eco Facts	Black-Knight/Black-Stallion Cold
<b>VOC</b>	270 g/L
<b>Recycled Content</b>	70%

For specific application recommendations, 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 additional Black-Knight and Black-Stallion Cold documents, scan the QR code above.

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

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