



SELECTION & SPECIFICATION DATA

Type	Oxidized Asphalt Cutback
Description	Blackhawk R-17-A-73 is an asphalt cutback coating engineered for ductile iron and steel substrates. It can be used universally for the outside and inside diameter of ductile pipe and fittings. This product meets or exceeds the performance requirements of NSF Standard 61.
Features	<ul style="list-style-type: none"> • Exceptional wetting characteristics • Quick dry time • Glossy finish • Excellent corrosion protection • ANSI/NSF 61 Certified
Uses	<ul style="list-style-type: none"> • Ductile iron pipe & fittings (ID & OD) • Sucker rods • Steel substrates • Primer • Seal coat
Color/Part #	Black M-R-17-A-73
Finish	Gloss
Topcoats	Acrylics, epoxies, polyurethanes
Dry Film Thickness (DFT)	2 – 4 mils per coat
Solids Content	53 – 56% by volume
Theoretical Coverage Rate	600 square feet per ??? at 1.5 mils Allow for loss in application.
Maximum Dry Temperature Resistance	Continuous: 176°F (80°C) Non-Continuous: 203°F (90°C)
Limitations	Will lose gloss, discolor, and chalk in sunlight exposure.

SUBSTRATES & SURFACE PREPARATION

All	Surfaces must be clean and dry. Remove all dirt, dust, oil and all other contaminant.
Previously Painted Surfaces	Consult with ErgonArmor Technical Service Department

THINNING

Thinning	Consult with ErgonArmor Technical Service Department
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APPLICATION EQUIPMENT GUIDELINES

Spray Application	This is a 53% solids coating and may require adjustments in spray techniques. Wet film thickness is easily and quickly achieved. The following spray equipment has been found suitable and is available from manufacturers such as Binks, DeVilbiss and Graco.
Airless Spray	Pump size: 15:1 or greater Hose length: 200 ft x 3/8 in ID Whip length: 10 ft x 1/4 in ID
Brush & Roller	Brush/Roller Application This material may be applied with brush or roller.
Brush	Medium bristle brush
Roller	Short-nap synthetic roller cover with phenolic core
Dip	Tank needs proper agitation consult with ErgonArmor Technical Service Department for details.

CLEANUP & SAFETY

Cleanup	Mineral spirits
Safety	Mixes and applications of this product present a number of hazards. Read and follow the hazard information, precautions and first aid directions on the individual product labels and safety data sheets before using.
Ventilation	When used in enclosed areas, thorough air circulation must be used during and after application until the coating is cured. User should test and monitor exposure levels to insure all personnel are below guidelines.

PACKAGING, HANDLING & STORAGE

Shelf Life	24 months at 75°F (24°C) When kept at recommended storage conditions and in original unopened containers.
Shipping Name	Tars, Liquid UN ID# UN1999, Hazard Class 3, Packing Group II
Package Sizes & Shipping Weight	5 gallon pail: 42 lbs (19 kg) 53 gallon drum: 440 lbs (200 kg) 275 gallon totes: 2,130 lbs (968 kg) Bulk truckload 6,300 gallons: 47,250 lbs (21,477 kg)
Storage Temperature & Humidity	0°F – 110°F (-17°C – 43°C) 0 – 100% relative humidity
Storage	Sealed containers can be stored outside. This product is not affected by excursions below these published storage temperatures, down to 0°F (-17°C). Always inspect the product prior to use to make sure it is smooth and homogeneous.

TYPICAL PROPERTIES

Weight/gallon at 60°F (15°C)	7.35 – 7.50 lbs	
Solids % by weight	53 – 60	
Specific gravity at 60°F (15°C)	ASTM D1298	.8816 – .8996
Saybolt furool viscosity at 77°F (25°C)	ASTM D88	100 – 175 seconds
VOC lbs/gallon	<3.25 lbs	
Dry to touch at 72°F (22°C)	15 Minutes	
Flash point	ASTM D1310	72°F – 75°F (22°C – 23.8°C)

Rev 06/19

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