

R-17-A-73 LV Asphalt Coating

SELECTION & SPECIFICATION DATA

Type	Asphalt Cutback
Description	The R-17-A-73 LV Asphalt Coating is an asphalt cutback coating is a high-solids/low viscosity version of the proven industry standard R-17-A-73. The lower viscosity provides better spray ability while the higher solids content gives better coverage. It is meant for use on the inside and outside diameter of ductile iron pipe. This product meets or exceeds the performance requirements of NSF Standard 61.
Features	• Exceptional wetting characteristics • Quick dry time • Glossy finish • Excellent corrosion protection • ANSI/NSF 61 Certified
Uses	• Ductile iron pipe & fittings (ID & OD) • Sucker rods • Steel substrates • Primer • Seal coat
Color	Black
Finish	Gloss
Topcoats	Acrylics, epoxies, polyurethanes
Dry Film Thickness (DFT)	2 mils
Limitations	Will lose gloss and discolor with prolonged UV exposure.

SUBSTRATES & SURFACE PREPARATION

All	Substrate must be clean, dry and free of contaminants.
Previously Painted Surfaces	Consult with Armor Technical Service.

THINNING

Thinning Consult with Armor Technical Service for guidance.

Cleanup Mineral spirits

APPLICATION GUIDANCE

Spray Application Coating may require adjustments for spray techniques. Suitable spray equipment 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-inch ID
Whip length: 10 ft x 1/4-inch ID

Brush Medium bristle brush

Roller Short-nap synthetic roller cover with phenolic core

Dip Tank requires proper agitation/movement. Consult with Armor Technical Service for details.

PACKAGING, ESTIMATING & HANDLING

ITEM#	PACKAGING
K-R-17-A-73-LV-000	Bulk - gallon
K-R-17-A-73-LV-005	Pail - 4.7 gallons
K-R-17-A-73-LV-053	Drum - 53 gallons
K-R-17-A-73-LV-275	Tote - 270 gallons

Theoretical Coverage Rate 528 square feet per gallon at 2 mils DFT. Allow for loss in application.

Storage & Shelf Life Maintain products in original packaging and sealed until ready for use. Estimated shelf life is 24 months when stored in a dry area at 75°F (24°C). Actual shelf life may vary with storage conditions.

Sealed containers can be stored outside. This product is not affected by temperature excursions down to 0°F (-17°C). Always inspect the product prior to use to make sure it is smooth and homogeneous.

SAFETY

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.

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TYPICAL PHYSICAL PROPERTIES

PROPERTY	VALUE
Density at 60°F (15°C)	7.5 - 7.7 lbs/gallon
Solids content	59 - 63% by weight
Specific gravity at 60°F (15°C) ASTM D1298	0.90 - 0.93
Saybolt furol viscosity at 77°F (25°C) ASTM D88	80 - 100 seconds
VOC	<3.1 lbs/gallon
Dry-to-touch at 72°F (22°C)	10 minutes
Flash point (tag open cup) ASTM D1310	69°F - 73°F (21°C - 23°C)

SERVICE TEMPERATURE

SERVICE	MAXIMUM TEMPERATURE
Dry, continuous	176°F (80°C)
Dry, non-continuous	203°F (90°C)

Discoloration and loss of gloss occur above 200°F (93°C) but do not affect performance.

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