

R-17-A-73 Asphalt Coating

SELECTION & SPECIFICATION DATA

Type	Oxidized Asphalt Cutback
Description	R-17-A-73 Asphalt Coating 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	• 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 - 4 mils per coat
Solids Content	53 - 56% by volume
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 Armor Technical Service.

THINNING

Thinning Consult with Armor Technical Service.

Cleanup Mineral spirits

APPLICATION GUIDANCE

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-inch ID
Whip length: 10 ft x 1/4-inch 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 Armor Technical Service for details.

PACKAGING, ESTIMATING & HANDLING

ITEM#	PACKAGING
M-R-17-A-73	Bulk - gallon
M-R-17-A-73-00	Bulk - gallon
M-R-17-A-73-005	Pail - 4.7 gallons
M-R-17-A-73-005-AC	Pail - Aircraft - 4.7 gallons
M-R-17-A-73-005U	Pail - 4.7 gallons
M-R-17-A-73-053	Drum - 53 gallons

Theoretical Coverage Rate 600 square feet per gallon at 1.5 mils.
Allow for loss in application.

Storage & Shelf Life 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.

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

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 furol viscosity at 77°F (25°C)	ASTM D88 100 - 175 seconds
VOC	<3.25 lbs/gal
Dry-To-Touch at 72°F (22°C)	15 minutes
Flash point	ASTM D1310 72°F - 75°F (22°C - 23.8°C)

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