

# BLACK DRAGON BLACK GILSONITE PAINT BD-SPEC

## PRODUCT DESCRIPTION

### PRODUCT

**BLACK DRAGON Black Gilsonite Asphalt Paint**

### TYPE

**BLACK DRAGON** Black Gilsonite Asphalt Paint is a quick drying, high gloss, bituminous, corrosion resistant asphalt enamel. **BLACK DRAGON** offers one coat coverage with full resistance to water, acids, alkalis, electrolysis, and natural elements.

### RECOMMENDED USES

For painting metal, masonry, concrete pipe\* and wood surfaces, inside and out where a corrosion resistance black protective coating is desired. Excellent for wastewater immersion and is approved for use in wastewater wet wells, pump stations, manholes, and excellent for acid/corrosion protection. Withstands a pH range of 3-10.

#### **Excellent for use on:**

- Underground Pipelines
- Water Lines and Valves
- Steel Flanges and Bolts
- Metal Natural Gas Piping
- Storage Tanks/Grease Traps
- Concrete and Concrete Pipe
- Iron Manhole Covers
- Steel in Waste Treatment Facilities
- Traveling Trusses and Walkways
- Steel to be imbedded in Concrete

### SHEEN/COLOR/CONSISTENCY

Gloss black viscous liquid. Contains no pigments, therefore, no stirring is required. **Black Dragon** has an unlimited shelf life.

### WEIGHT PER U.S. GALLON

7.2 lbs. (3.3 kg) ±0.2

### VISCOSITY

90-95 KU at 70°F (21°C)

### FLASH POINT, COC

105°F (40.6°C) ASTM D-92

### **BD-SPEC**

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This product is manufactured in the U.S.A.

## AUTO IGNITION TEMPERATURE

473°F (245°C)

## APPLICATION DATA

### SURFACE PREPARATION

Surfaces must be thoroughly clean before application. Remove any loose dirt, gravel, rust, scale, or foreign material. Do not apply to wet surfaces or at temperatures below 30°F (-1°C). Do not apply if surface temperature is above 120°F (49°C).

**METAL:** Scrape any scale or loose surface rust off with a wire brush. Tightly adhering rust does not need to be removed. Follow Steel Structures Painting Council Specification SSPC-SP 2-63 for hand cleaning.

### APPLICATION EQUIPMENT

**Brush:** 3/8" to 4" Polyester/nylon or bristle. **Roller:** 1" to 2" nap cover. **Conventional Spray:** Graco 210-961 Series A or equivalent. 0.070" (1.78mm) cap, 0.061" (1.55mm) needle, 40-50 psi. 1/4" air hose, maximum length 25 to 30 ft.; 1/4" fluid hose maximum length 25 ft. Pump to spray nozzle 20 to 50 ft. using a 2 to 1 or 3 to 1 ratio pump with fluid regulator. **Airless Spray:** Graco EH-333 Series G or equivalent. .015" (0.380mm) to 0.023" (0.58mm) tip, 2,000-2,500 psi. 1/4" fluid hose maximum length 50 ft., vertical rise from pump 20 to 50 ft.

### THINNING

For spraying or dipping, thin to the proper consistency. Use no more than 5:1 mixture of paint to thinner. To thin, use Mineral Spirits, VM&P Naphtha or Xylol.

### DRYING TIME

To handle: 1 hour  
To recoat or backfill underground pipe: 4 to 6 hours.

At 77°F (25°C) and 50% relative humidity  
Drying times listed may vary depending on temperature, humidity, and air movement.

### RECOMMENDED FILM PER COAT

Wet: 3.0 to 4.1 mils  
Dry: 1.5 to 2.0 mils

## RECOMMENDED SPREADING RATE

Approximately 390 to 535 sq. ft. (32.5 to 49.7m<sup>2</sup>) per U.S. gallon (3.785 L).

Coverage figures do not include spray loss. Also allow for surface irregularities, porosity, and material loss when mixing.

### CLEANUP

Use Mineral Spirits to clean brushes and equipment. Wash hands thoroughly after use. Use **Whitlam's Talon Hand Cleaner** or **Talon Glue-Wash** Hand Cleaner to remove paint from hands.

## ENVIRONMENTAL STATEMENT

**BLACK DRAGON** is free from flash solvents such as Toluene and Xylol.

## FEDERAL SPECIFICATIONS

**BLACK DRAGON** meets Federal Specification TTC-494 Types, I, II and III and meets AASHTO M-190 for Type A (Fully Bituminous Coated).

**BLACK DRAGON** meets Florida Department of Transportation (FDOT) Supplementary Details for Manholes and Inlets, Index 201, FY 2017-2018 Design Standards, Last Revision 7/1/2012 as a Bituminous Coating.

Meets Federal Specification TT-V-51F

## PACKAGING

### **U.S. Measure:**

<b>Stock Code</b>	<b>Size</b>
<b>Can w/ Handle</b>	
BD1	Gallon (3.785 L)
<b>Pail w/ Handle</b>	
BD5	5 Gallon (18.9 L)
<b>55 Gallon Drum</b>	
BD55	55 Gallon (208 L)

## SHIPPING WEIGHT PER CASE

<b>Stock Code</b>	<b>Case Weight</b>	<b>#/Case</b>
BD1	32 lbs. (14.5 kg)	4
BD5	41 lbs. (18.6 kg)	1
BD55	550 lbs. (249.5 kg)	1



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P.O. Box 380 • Wadsworth, OH 44282 U.S.A.  
Phone: 1-330-334-2524 • FAX 1-330-334-3005  
Email: [info@jcwhitlam.com](mailto:info@jcwhitlam.com)  
Website: [www.gilsonitepaint.com](http://www.gilsonitepaint.com)

\* For use on exterior of concrete pipe only. The information contained in this bulletin is correct to the best of our knowledge. The recommendations or suggestions herein are made without guarantee or representation as to result, since the conditions of use are beyond our control. We suggest that you evaluate the recommendations contained in this bulletin. No statement is to be construed as violating any copyright or patent. They are intended only as a source of information.