

# DENSO BITUMEN MASTIC 50

## Single Component Bituminous Coal Tar Mastic

### Description

Denso Bitumen Mastic 50 is a high build, single component, self priming, corrosion resistant coating.

### Uses

Corrosion protection on steel pipe, flanges, valves offshore equipment, storage tanks and concrete surfaces in severely corrosive environments such as seawater immersion, splash zones and buried applications.

### Features

- Single component
- High build
- Can be applied with brush or roller
- Self-Priming
- VOC compliant

### Application

Prepare surfaces by removing all loose scale, rust or other foreign matter in accordance to SSC-SP2 "Hand Tool Cleaning" or SP3 "Power Tool Cleaning". High pressure water wash of 3,000 to 7,000 psi (20.68 - 48.26 MPa) is also suitable. In severely corrosive environments SSPC-SP6 commercial blast cleaning should be used. For immersion services SSPC-SP10 near white metal blast cleaning should be used. The product should be mixed thoroughly prior to application. For brush application a soft bristle brush or Denso Applicator Pad is recommended. For airless spray application a Graco 30:1 pump with a 0.17 to 0.21 tip is recommended. Thinning of 5 - 15% with Xylene or equal for spray applications. Allow at least 24 hours at 77°F (25°C), or dry-to-touch, prior to backfill or applying a second coat.



# Denso Bitumen Mastic 50

## TECHNICAL DATA

### PROPERTIES

### VALUE

<b>Application Temperature</b>	50°F to 130°F (10°C to 54°C)	
<b>Solids by Volume</b>	68%	
<b>Weight / Gal</b>	10.9 lbs./gal	
<b>V.O.C.</b>	2.28 lbs./gal	
<b>Viscosity@77°F (25°C)</b>	15,000 CPS	
<b>Mix Ratio</b>	Single Package	
<b>Thickness</b>		
Wet Film Thickness (WFT)	18 - 26 mils (457 - 660 microns)	
Dry Film Thickness (DFT)	12 - 18 mils (305 - 457 microns)	
<b>Theoretical Coverage</b>		
18 mils (457 microns) (DFT)	60 ft <sup>2</sup> /gallon (5.6 m <sup>2</sup> /liter)	
<b>Drying Time @77°F (25°C), 55 R.H.</b>	<b>Touch Dry</b>	<b>Backfill Time</b>
12 - 18 mils (305 - 457 microns) (DFT)	2 hours	24 hours
<b>Resistance to Salts &amp; Alkalies</b>	Excellent	
<b>Flash Point</b>	81°F (27°C)	
<b>Service Temperature</b>	0°F to 180°F (-18°C to 82°C)	
<b>Color</b>	Black (Semi-Gloss)	

**STORAGE:** 2 years when stored in original containers between 40°F to 105°F (4°C to 41°C).

**CLEANING:** Clean equipment with MEK, Xylene or equivalent solvent cleaner.

**HEALTH AND SAFETY:** Wear protective clothing and ensure adequate ventilation. Avoid contact with skin and eyes. See safety data sheets for further information.

**PACKAGING:** 1 gallon (3.8 liter) containers and  
5 gallon (19 liter) containers.



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