

DENSO BITUMEN MASTIC

Single Component Bituminous Mastic

Description

Denso Bitumen Mastic 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
- Will not freeze
- Flexible and will not crack

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 45:1 pump or greater 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.



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TECHNICAL DATA SHEET

Storage

1 year 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 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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Denso Bitumen Mastic

TECHNICAL DATA

PROPERTIES

VALUE

Application Temperature	50°F to 130°F (10°C to 54°C)	
Solids by Volume	68%	
Weight / Gal	9.5 lbs./gal	
V.O.C.	2.66 lbs./gal	
Viscosity@77°F (25°C)	15,000 CPS	
Mix Ratio	Single Package	
Thickness		
Wet Film Thickness (WFT)	30 - 60 mils (762 - 1,524 microns)	
Dry Film Thickness (DFT)	20 - 40 mils (608 - 1,016 microns)	
Theoretical Coverage		
18 mils (457 microns) (DFT)	45 ft ² /gallon (4.2 m ² /liter)	
Drying Time @77°F (25°C), 55 R.H.	Touch Dry	Backfill Time
12 - 18 mils (305 - 457 microns) (DFT)	4 hours	24 hours
Resistance to Salts & Alkalies	Excellent	
Flash Point	100°F (38°C)	
Service Temperature	-60°F to 325°F (-51°C to 163°C)	
Color	Black (Semi-Gloss)	



DENSO NORTH AMERICA

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