

EPOMASTIC 109

A HEAVY- DUTY EPOXY COAL TAR

DESCRIPTION

A heavy -duty, high-build epoxy-coal tar coating for the protection of steel and concrete in immersion service.

USES

Lining of tanks, piping, trenches, sumps and concrete-splash, spillage and fumes. Widely used for protection of offshore structure, marine installations and pilings. Also as lining for barges and tankers carrying sour crude, petroleum products and salt water ballast. Recommended for concrete and steel surfaces in sewage treatment plant, paper mills, chemical plants etc.

BENEFITS

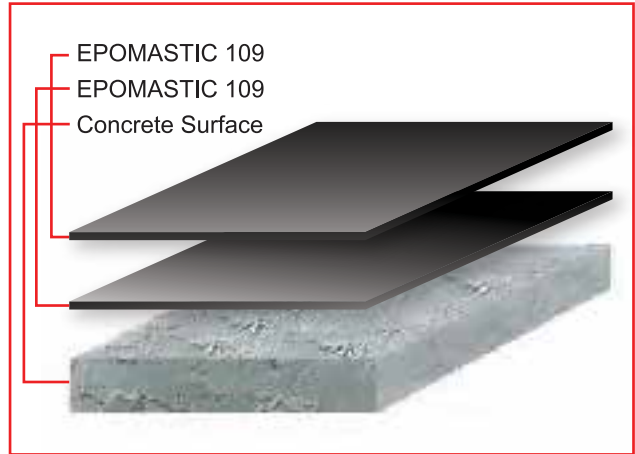
- Excellent protection for underground surfaces
- Simple 1:1 mixing ratio
- Chemical Resistance
- Very good abrasion resistance

COLOR

Black only

FINISH

High initially, becomes flat.



Technical Data:	
No. of Component	2
No.of Coats Recommended	2
Recommended Dry Film Thickness	8 mils (200µ)
Theoretical Solid Content of Mixed material	80% ± 2%
Mixing Ratio	1:1 by volume of Part A & Part B
Pot Life	2 hours at 24°C
Estimated Coverage	3.5m ² / ltr at 200µ
Cleaner	Thinner #2
Thinner	Thinner # 1
Storage & Shelf Life at 25°C	Above 24 months
Packaging	5 Litre

NOTE: Coverage figures give is theoretical-due to wastage factors and the variety nature of the substrate, the practical coverage may be reduced and this may vary with the site application conditions.

The information given in this data sheet is to the best of our knowledge true and accurate; but as we have no control over where or how the product is applied, there are no warranties expressed or implied regarding the product's use or performance. Customers are advised to thoroughly test before adapting them to their own use. It is strongly recommended to trial on small area before large scale application.

WEBSITE
www.cemkrete.com.my

TELEPHONE
+603-8062 4478

FAX
+603-8061 5877

EMAIL
enquiry@cemkrete.com.my



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ISO 9001 & 14000 CERTIFIED

SURFACE PREPARATION

Remove any oil or grease from surface to be coated with clean rags soaked in Cleaning Thinner or toulene in accordance with SSPC-SP 1-82.

MIXING

For immersion service, abrasive blasting blast to a White Metal Finish in accordance with SSPC-SP 5-82 to a degree of cleanliness in accordance with NACE #1 to obtain a 2-3 mil (50-75µ) blast profile. For non-immersion, abrasive blasting to a Commercial finish in accordance with SSPC-SP 6-82 to degree of cleanliness in accordance with NACE #3 to obtain a 2-3 mil (50-75µ) blast profile. Acceptable for non-immersion SSPC-SP 3-82, Power Toll Cleaning.

MIXING

Power mix separately, then combine and mix Part A & Part B.

APPLICATION

	Material	Surface
Normal	65-85°F(18-29°C)	65-85°F(18-29°C)
Minimum	50°F(10 °C)	50°F(10 °C)
Maximum	90°F(32°C)	140°F(60°C)

	Ambient	Humidity
Normal	60-90°F(16-32°C)	65%
Minimum	50°F(10°C)	0%
Maximum	120°F(49°C)	85%

Do not apply when the surface temperature is less than 5°F(or 2°C)above the dew point. Excessive humidity or condensation on surface during curing may result in a surface haze, or blush, which must be washed off with water before re-coating.

Special thinning and application techniques may be required above or below normal conditions.

THINNING

Thin up to 10% by volume with Epomastic 109 Thinner
Note: Use of thinners other than those supplied or approved may adversely affect product performance and void product warranty, whether express or implied.

SPRAY

Use sufficient air volume for correct operation of equipment. Use a 50% overlap with each pass of the gun. On irregular surfaces, coat the edges first, making an extra pass later.

Note: The following equipment has been found suitable; however, equivalent equipment may be substituted

CONVENTIONAL

Use 1/2" minimum I.D material hose. Hold gun approximately 12-14 inches from the surface and at a right angle to the surface.

Mfr. & Gun	Fluid Tip	Air Cap
Binks #18 or #62	67	67PB
DeVilbiss MBCX or JGA	D	64

AIRLESS

Use a 3/8" minimum I.D material hose. Hold gun approximately 18-20 inches from the surface and at a right angle to the surface. Keep material under mild agitation during application.

Mfr. & Gun	Pump
Binks Model 720	Jupiter B8-36 37:1
Graco 207-300	Bulldog 30:1 or King 45:1

Note: Revers-A-Clean tip is recommended. Use a .029" - 0.33" tip with 2400 psi.

BRUSH/ROLLER

Use medium bristle brush or good medium nap phenolic core roller.

CURING

Temperature	Final Cure	Between Coat
50°F(10°C)	14 days	2 days
60°F(16°C)	12 days	24 Hours
75°F(24°C)	7 days	18 Hours
90°F(32°C)	4 days	16 Hours

Storage Conditions: (store indoors)
Temperature : 45 - 110°F(7 - 43°C)
Humidity : 0-100%

HEALTH & SAFETY

Contains flammable solvents Keep away from sparks and open flames. In confined areas workmen must wear fresh airline respirator. Hypersensitive persons should wear gloves or use protective cream. All electrical equipment and installation should be made and grounded in accordance with the national electrical code. In areas where explosion hazards exist, workmen should be required to use nonferrous tools and wear conductive and nonsparking areas.

FURTHER INFORMATION

With a wealth of technical and practical experience built up over many years in pursuit of excellence especially in the flooring and concrete technology, make **CEMKRETE** your partner today. Contact our hotline now.

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