

COMASTIC – Vinyl Tar Coating

PRODUCT DESCRIPTION

A high build single pack moisture repellent anti corrosive coating for application to boat or steelwork in a marine environment. A special selected vinyl resin formulated with coal tar pitch and a range of additives gives a thixotropic coating.

Key features are:

- Long overcoating interval allows flexibility in new construction or M & R
- Ease of application even in low temperatures
- Single pack without pot life problems
- High build to reduce application time and cost
- Good performance in combination with cathodic protection
- Easily topcoated with conventional and high performance antifoulings
- Good water, humidity and temperature resistance

USES

Typical uses:

- On buried or submerged structures
- As a topcoat on coal tar epoxies
- Dock gates
- Marine construction piles, chemical plants and narrow boats

At recommended film thickness, please allow a minimum of 48 hours at 20°C prior to immersion of the coating.

TECHNICAL PROPERTIES

Colour	Black, Brown		
Finish	Slight sheen		
Curing Agent	n/a		
Mix Ratio	n/a		
Specific Gravity	1.15 typical		
Volume Solids	35% typical		
Recommended Film Thickness	215-285 microns wet / 75-100 microns dry		
Theoretical Spreading Rate	3.5 - 4.7 m ² / litre		
Application Method	Brush, roller or airless spray		
Flash Point	21°C (Abel closed cup)		
VOC	550 g/litre		
Drying Times	15°C	25°C	35°C
Touch Dry	1 hour	½ hour	20 minutes
Hard Dry	4 hours	2 hours	1 hour
Minimum Overcoat	4 hours	2 hours	1 hour
Maximum Overcoat	Indefinite	Indefinite	Indefinite

CERTIFICATION/APPROVALS

RECOMMENDED SYSTEMS

SURFACE PREPARATION

Steel: The performance of this product is directly related to the degree of surface preparation. For maximum performance the surface should be degreased to a minimum standard of SPPC – SP1 and then abrasive blast cleaned to a minimum standard of Sa2.5 ISO8501 – 1: 1998. The product can then be applied either on top of a compatible epoxy primer or direct to steel. The surface profile of the blasted substrate should be 35-85 microns. If abrasive blasting is not possible, then power tool cleaned to a minimum standard of St2 ISO 8501-1 : 1998. Remove all poorly adhering paint, loose rust, mill scale, oil and grease prior to applying this coating.

PRODUCT APPLICATION

Mixing	Stir well before use.
Thinners	Thinner No. 4
Brush	Thin up to 15% by volume with Thinner No.4
Roller	Thin up to 15% by volume with Thinner No.4
Conventional Spray	
Airless Spray	Thin up to 15% by volume with Thinner No.4 Use tip size 0.021”-0.031” (0.53mm-0.79mm) and pressure 2000 – 2400 psi (145 – 170 bar)
Air Assisted Airless Spray	
Cleaner	Thinner No.4
Cleanup Considerations	All equipment should be cleaned immediately after use with Thinner No.4 .It is advisable that equipment should be cleaned/flushed during the course of application, the frequency of which will depend on the volume of material used and timescale over which applied. Ensure all waste materials (including packaging) are disposed of in accordance with local regulations.

HEALTH, SAFETY & ENVIRONMENTAL

This product must be used in accordance with the Material Safety Data Sheet supplied by Spencer Coatings Limited.
The user must observe local health, safety and environmental regulations when using this product.
Consult Spencer Coatings Limited if there are any concerns over the suitability of this product.

PACK SIZES

5 litre, 20 litre

PACK WEIGHTS

5 litre : 6.2kg 20 litre : 24.8kg

STORAGE CONDITIONS

Store in a cool, dry, shaded area and ensure good ventilation. Shelf life 12 months

LIMITATIONS

Do not apply this product if the relative humidity exceeds 90% or if the substrate is within 3°C of the dew point.
At 70-100µm total DFT please allow a minimum of 48 hours at 20°C prior to immersion, as this will limit the amount of discolouration seen. Please note this product will discolour from black to brown during immersion, however this will not affect the performance of the coating.

DISCLAIMER

The information given in these specifications and technical advice - whether verbal, or in writing or by way of trials is for guidance only and is given in good faith, but without warranty. This also applies where proprietary rights or third parties are involved. Any person using Spencer products without first making further enquiries as to the suitability of the products for the intended purpose and testing the products to assess their fitness for the purpose does so at their own risk. The application, use and processing of the products are beyond our control and are therefore your own responsibility, and we can accept no liability for the performance of the products arising out of such use, beyond the value of the goods delivered by us. The information contained in these data sheets is liable to modification from time to time in the light of experience and our policy of continuous development.

It is the user's responsibility to ensure that this sheet is current prior to using the product.