



Technical Data Sheet 20.3

October 2016 Revision

Craftmaster Engine Enamel

Craftmaster Paints Ltd, Academy Works, Norman Way Ind Est, Over, Cambs, CB24 5QE

Tel: 01954 231 308 Email: info@craftmasterpaints.co.uk

www.craftmasterpaints.co.uk

Product: Craftmaster Engine Enamel

Sizes Available: 500ml, 1 litre & 2.5 litre tins

Colour: Full colour spectrum available

Description: Craftmaster Engine Enamel is a hard wearing, well pigmented, synthetic enamel. It is formulated for applications where its durable nature will be advantageous over our usual Coach Enamel. It is heat resistant to 150 Degrees C, when used without High Build Undercoat. It brushes well over smaller areas and sprays very well giving excellent durability and toughness.

Maximum VOC Content (RFU): 0.450kg/ltr

Regulations Compliance: 2004/42 IIA SB (D) 300

Technical Information

Coverage: 12sq metres per litre

Flashpoint: 29°C

Storage: 12 months in original sealed tin

Temp Resistance: 150 Degrees C

Cleaning: Ensure surface is clean and free of any contamination

Environment: Ensure the area where painting is to take place is suitable in terms of temperature and humidity as well as being free of airborne and surface contamination that may interfere with the successful application of the product

Durability: Ensure that a minimum total film thickness of 120 microns is achieved on the substrate. Account should be taken of film thickness removed when rubbing down paintwork between coats. The thorough rubbing down of two coats can result in the loss of the equivalent film thickness of one full coat. When using for heat resistant properties, substitute Undercoat for extra coats of Primer and Engine Enamel as appropriate.

Health & Safety: Please refer to Craftmaster Material Data Sheet M20.2 and to tin label prior to use. Suitable respiratory and personal protection equipment should be worn at all times.

If you are unsure about ANY of the information contained in this or other data sheets, contact Craftmaster for advice before proceeding to use the product(s) in question.

This information relates only to the specific material designated and may not be valid for such material when used in combination with any other materials or processes. Such information is to the best of Craftmaster Paints Ltd's knowledge and belief accurate and reliable as of the date indicated. However no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the users responsibility to satisfy themselves as to the suitability and completeness or such information for their own particular use. We recommend this product for professional use only.



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Craftmaster Bilge Paint

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Application Methods

Brush Application

We recommend Purdy Monarch Elite Paint Brushes as those best suited to our range of products.

Thinner: Craftmaster PPA Brushing Additive

Ratio: A maximum of 5% in difficult conditions

Number of Coats: The correct application of two coats of Bilge Paint will usually achieve sufficient film thickness to contribute to the minimum total film thickness of 120 microns as stated in the Paint Specification. Rubbing down, poor application and other factors may contribute to insufficient film thickness being applied and the requirement of additional coats. This should be applied onto a suitable base of Primer & High Build Undercoat as appropriate to your specification.

Spray Application: Use Craftmaster Synthetic Thinners at approximately 15% ratio, adjust as conditions dictate. A greater number of coats will be required when compared to brush painting due the thinner nature of the coats applied by spray.

Touch Dry: 2hrs at 20°C

Through Dry: 12hrs at 20°C

Overcoat: 24hrs (minimum)

Film Thickness: A Wet Film Thickness of approx 100 microns, will leave a Dry Film Thickness of approx 50 microns.

DFT Per Coat: Approx 35/40 microns per coat, less after rubbing down, dependant on Wet Film Thickness achieved.

Note: Craftmaster Technical Data Sheets indicate Dry Film Thickness that will be achieved when applying a particular Wet Film Thickness. These values are a guide only and are not to be used as specifications. Film Thickness will vary depending on actual use and specification. Great care should be taken to achieve the DFT stated in the agreed specification and to avoid areas of excessively low or high thickness.

Please Note: It is for the end user to ensure that this product is applied in the correct manner and to the correct standard.

Craftmaster Paints Ltd can take no responsibility for faults in paint that is applied in conditions unsuited to painting or paint that has been improperly applied (either the method of application, use of unauthorised additives, insufficient paint build, or other practices which are not conducive to the successful application of our products). We strongly advise all users to consult both our Standard Paint Specification before applying any paint.

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