Precision
YACHT PAINT

TECHNICAL DATA SHEET TDS: PMC259

PRECISION PERFORMANCE ANTIFOULING PM/C259/ ALL

DESCRIPTION:

Precision Performance Antifouling contains cuprous oxide to give good antifouling performance. Designed for vessels with a max speed of 30 knots. Expected functional life of the coating is 12 to 18 months. H.S.E. Approval No. 9711.

RECOMMENDED USE:

Precision Performance Antifouling is used as an antifouling for the underwater areas of vessels or underwater structures. Suitable for domestic and commercial vessels with steel, wood, ferro concrete or GRP hulls. Do not use on aluminium vessels.

AVAILABILITY:

1 litre, 2.5 litre

FINISH:

Semi-gloss

COLOUR:

Black, Blue, Red

TYPICAL S.G. (SPECIFIC GRAVITY):

1.6 to 1.65 @ 20 °C

VOLUME SOLIDS:

63%

WET FILM THICKNESS W.F.T

100 microns

DRY FILM THICKNESS D.F.T

63 microns

EXPECTED SPREADING RATE:

10 sq.m / litre

@ 63 microns D.F.T.

The practical spreading rate may be lower as this depends on factors such as the porosity and roughness of the surface to be painted and material losses during application.

TYPICAL VISCOSITY:

4.5 Poise @ 25 °C

FLASH POINT:

Above 32 °C (closed cup)

DRYING TIME: @ RECOMMENDED D.F.T

Touch dry:	3	hours @ 20 °C
Hard dry:	18	hours @ 20 °C
Full hardness:	N/A	

Low temperature and high humidity will adversely affect application, drying and performance of any coating.

MINIMUM OVERCOATING TIME:

Minimum 16 hours dependant on film thickness

APPLICATION SPECIAL CONDITIONS:

APPLICATION BY SPRAY IS NOT PERMITTED EXCEPT BY PROFESSIONALS.

VOC CONTENT:

max 330 g / litre

VOC's (Volatile Organic Compounds) contribute to atmospheric pollution

APPLICATION DETAILS:

Application restrictions

Method:	Brush / Roller	Conventional / Airless Spray - Professional Use Only
Thinner (Max vol):	Antifoul Thin (5%)	Antifoul Thin (5%)
Nozzle size:	0.017" - 0.021"	

For further advice contact Precision Yacht Paint Technical Services on +44 (0)1482 381456

The physical constants are subject to normal manufacturing tolerances.

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Nozzle pressure:	3600 psi (250 bar)	
Cleaning solvent:	Antifoul Thinners	
Recoat interval:	Minimum 16 hours dependant on film thickness	Max - None

SURFACE PREPARATION:

DO NOT USE ON ALUMINIUM VESSELS. Bare Surfaces: On exposed metal and wood, prime first with at least 2 coats of Precision Antifouling Primer & Barrier Coat (but not more than 3). On GRP lightly abrade exposed surfaces and apply 2 coats of Precision Antifouling Primer & Barrier Coat. New steel: Abrasive blast clean to SA2½ and apply Precision Antifouling Primer & Barrier Coat. If applying onto shop-primed steel, ensure that surface is dry and clean, and areas of damaged primer are suitably cleaned prior to the application of the Precision Antifouling Primer & Barrier Coat. Maintenance: Remove all loose and damaged existing coating and all marine growth. High pressure wash with fresh water. Areas of breakdown should be blasted or power tool cleaned. Touch up with Precision Antifouling Primer & Barrier Coat to the full existing film thickness. Prior to the application of the full coat ensure that surface is clean and free of all contaminates.

MIXING INSTRUCTIONS:

Mix well before use.

APPLICATION CONDITIONS:

As dictated by normal good painting practice. Care must be taken during application that the temperature is above the dew point to avoid any contamination. It may be necessary to apply Precision Performance Antifouling in a number of coats to achieve the specified film thickness.

PRECEDING COAT:

Always apply at least 2 coats of Precision Antifouling Primer & Barrier Coat.

SUBSEQUENT COAT:

Always apply at least 2 coats of Precision Performance Antifouling

REMARKS:

Users must comply fully with all their legal responsibilities under the Control of Pesticides Regulations 1986 (as amended), including complying with all conditions of approval. H.S.E. Approval No 9711. Launch time after painting - minimum 8 hours, maximum 3 months if shrouded from direct sunlight. Minimum 2 coats.

HEALTH AND SAFETY:

See safety data sheet - SDS 11598. To avoid risks to man and the environment users must comply with the instructions for use.

ISSUED:

22 November 2016

REVISION:

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The information given in this data sheet is based on experience and is accurate to the best of our knowledge. No guarantee should be implied, however, as the conditions of use are beyond our control. This data sheet does not constitute a specificaton. In case of doubt as to the suitability of the product please contact our Technical Service Department on +44 (0)1482 381456.

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