

Precision

YACHT PAINT

TECHNICAL DATA SHEET

PRECISION PREMIUM A+ ANTIFOULING

TDS: PMC256

PM/C256

DESCRIPTION:

Precision Premium A+ Antifouling is a modified composition containing a high level of copper thiocyanate to give excellent antifouling performance. Suitable for aluminium hulls. Designed for vessels with a max speed of 30 knots. Expected functional life of the coating is 18 to 24 months. H.S.E. Approval No. 9670

RECOMMENDED USE:

Precision Premium A+ Antifouling is used as an antifouling for the underwater areas of marine vessels or underwater structures, it is also suitable for use as an effective boottopping. Suitable for domestic and commercial vessels with aluminium, steel, wood, or GRP hulls.

AVAILABILITY:

0.5 litre, 1 litre, 2.5 litre

FINISH:

Semi-gloss

COLOUR:

White, Black, Blue, Red.

TYPICAL S.G. (SPECIFIC GRAVITY):

1.4 to 1.5 @ 20 °C

VOLUME SOLIDS:

60 to 64%

WET FILM THICKNESS W.F.T

100 microns

DRY FILM THICKNESS D.F.T

60 microns

EXPECTED SPREADING RATE:

10 sq.m / litre
@ 60 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:

38 °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 ONLY PERMITTED BY PROFESSIONALS. AMATEUR USE MUST BE BY BRUSH OR ROLLER.

VOC CONTENT:

300 max g / litre

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

APPLICATION DETAILS:

Application N/A
restrictions

Method: Brush or roller Airless Spray

Thinner Antifoul Thin Antifoul Thin
(Max vol): (5%) (5%)

Nozzle size: 0.017" to 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 Max - None dependant on film thickness.

SURFACE PREPARATION:

On aluminium, ideally abrade the surface to provide a "key", clean, then immediately coat with Precision Antifouling Primer & Barrier Coat. When dry apply 2nd coat. If abrasion is not possible, the surface must be degreased and treated with 'T' Wash/Mordant solution (leave to react for 2 hours), follow the instructions on the pack. When this is clean and dry apply the 2 coats of Precision Antifouling Primer & Barrier Coat, then 2 coats of Precision Premium A+ Antifouling. 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 contaminants.

MIXING INSTRUCTIONS:

Mix well prior to 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.

PRECEDING COAT:

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

SUBSEQUENT COAT:

Always apply at least 2 coats of Precision Premium A+ 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 9670. 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 11534

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 specification. 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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