Precision
YACHT PAINT

TECHNICAL DATA SHEET

TDS: PMP149

PRECISION ANTIFOULING PRIMER & BARRIER COAT PM/P149/224

DESCRIPTION:

Precision Antifouling Primer & Barrier Coat is a full bodied primer ensuring excellent adhesion to all substrates. Can be used above and below the waterline providing superb protection from water ingress.

RECOMMENDED USE:

Precision Antifouling Primer & Barrier Coat can be used as an underwater primer on prepared steel or as a sealer coat over most conventional systems.

AVAILABILITY:

0.5 litre, 1 litre, 2.5 litre

FINISH:

Matt

COLOUR:

Metallic Grey

TYPICAL S.G. (SPECIFIC GRAVITY):

1.33 @ 20 °C

VOLUME SOLIDS:

37.5%

WET FILM THICKNESS W.F.T

100 microns

DRY FILM THICKNESS D.F.T

38 microns

EXPECTED SPREADING RATE:

6.5 sq.m / litre

60 micron d.f.t. (Airless spray application)

10 sq.m / litre

40 micron d.f.t. (Brush application)

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:

3.0 Poise @ 25 °C

FLASH POINT:

25C approx °C (closed cup)

DRYING TIME: @ RECOMMENDED D.F.T

Touch dry:	30	mins @ 20 °C
Hard dry:	6	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 8 hours

APPLICATION SPECIAL CONDITIONS:

N/A

VOC CONTENT:

501 g / litre

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

APPLICATION DETAILS:

Application restrictions	N/A	
Method:	Airless Spray	Brush
Thinner (Max vol):	Antifoul Thin (5%)	Antifoul Thin (5%)
Nozzle size:	0.017" - 0.021"	
Nozzle pressure:	1900 psi (130 bar)	

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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Lockwood Street, Hull, East Yorkshire, HU2 0HN
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Cleaning solvent:	Antifoul Thinners	
Recoat interval:	Minimum 8 hours	Max - None

SURFACE PREPARATION:

Ensure all surfaces are clean, dry and free from grease, oil and any other contaminates. Bare steel should be free from dust, rust and scale. Blast cleaning to SA 2½ is recommended. If blast cleaning is impractical, mechanical cleaning should be employed as hand cleaning does not clean the steel to the required degree. Any oil or grease should be removed with solvent before de-rusting. Where blast cleaning is carried out after assembly, special attention must be paid to edges, corners, nuts, bolts welds, etc. Welds should, if necessary be ground and all weld spatter, slag etc. must be removed. Existing painted surfaces - Surfaces should be cleaned, degreased and sanded to ensure an adequate "key" is produced. Remove all loose and flaking material and treat bare areas as new substrate and prepare accordingly. Apply to small test area first to ensure no reaction with conventional paints. Maintenance: Remove all marine growth, oil and grease. High pressure wash with fresh water. Remove all loose coating and power tool clean areas of breakdown. Bare areas should be spot primed to full film thickness prior to application of full coat.

MIXING INSTRUCTIONS:

Mix well before use.

APPLICATION CONDITIONS:

As dictated by normal good painting practice. In confined spaces, provide adequate ventilation during application and drying.

PRECEDING COAT:

Directly onto base prepared steelwork or wood. Can be applied to old, aged coatings including antifouling after recommended preparation.

SUBSEQUENT COAT:

Precision Antifouling paints.

REMARKS:

Apply to small test area first to ensure no reaction with conventional paints.

HEALTH AND SAFETY:

See safety data sheet - SDS 11576

ISSUED:

09 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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