Precision
YACHT PAINT

TECHNICAL DATA SHEET

TDS: PMF158

PRECISION YACHT UNDERCOAT

PM/F158/ALL

DESCRIPTION:

Precision Yacht Undercoat is an interior and exterior, oil based yacht undercoat. It is a high opacity undercoat with good flow characteristics for use with Precision Yacht Finish. It has been designed to reduce topcoat sinkage and to retain a high gloss finish.

RECOMMENDED USE:

Precision Yacht Undercoat can be used either as a foundation coating or when a colour change is required.

AVAILABILITY:

1 litre, 2.5 litre. (0.5 litre Black and White only)

FINISH:

Matt

COLOUR:

White, Black, Grey and Red

TYPICAL S.G. (SPECIFIC GRAVITY):

1.35 to 1.53 @ 20 °C

VOLUME SOLIDS:

44 to 53%

WET FILM THICKNESS W.F.T

35 to 40 microns

DRY FILM THICKNESS D.F.T

75 microns

EXPECTED SPREADING RATE:

13 sq.m / litre

@ 35 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:	2	hours @ 20 °C
Hard dry:	12	hours @ 20 °C
Full hardness:	3 to 5	days @ 20 °C

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

MINIMUM OVERCOATING TIME:

12 hours or overnight

APPLICATION SPECIAL CONDITIONS:

N/A

VOC CONTENT:

Max 437 g / litre

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

APPLICATION DETAILS:

Application restrictions	N/A	
Method:	Brush or roller	Airless spray
Thinner (Max vol):	Gen Purpose (5%)	Gen Purpose (5%)
Nozzle size:	N/A	
Nozzle pressure:	1800 to 2000 psi	
Cleaning solvent:	General Purpose	

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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Tel.: +44 (0)1482 381456

Recoat interval:	12 hours or overnight

SURFACE PREPARATION:

All surfaces should be clean, dry, sound and free from contaminants. Wood should be sanded prior to coating to ensure an adequate "key" is produced. Apply direct to abraded GRP. Existing painted surfaces should be cleaned, degreased and sanded to ensure an adequate "key" is produced. Remove all loose, flaking material and treat bare areas as new substrate then prepare accordingly.

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:

Direct to wood and GRP, use Precision Anti-corrosive Metal Primer on ferrous metals.

SUBSEQUENT COAT:

Precision Yacht Finish or any suitable, conventional white spirit based topcoats.

REMARKS:

HEALTH AND SAFETY:

See safety data sheet - White - SDS 11618, All other colours - SDS 11619

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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