

Uni-Pro 250

Antifouling

All Purpose Antifouling



PRODUCT DESCRIPTION

Uni-Pro 250 is an antifouling product effective against fouling organisms; slime, aquatic plants and animals. A Polishing Antifouling suitable for professional application onto vessels in fresh and salt water. Designed specifically to provide up to one year protection for both sailing and power boats.

PRODUCT INFORMATION

Colour	YBP160-Dover White, YBP161-Red, YBP162-Blue, YBP163-Navy, YBP164-Black
Finish	Matt
Specific Gravity	1.8 average
Volume Solids	60% average
Typical Shelf Life	2 yrs
VOC (As Supplied)	353 g/L average
VOC (EU Solvent)	193 g/Kg average EU Solvent Emissions Directive (Council Directive 1999/13/EC)
Unit Size	5L, 20L

DRYING/OVERCOATING INFORMATION

	Drying							
	5°C (41°F)		15°C (59°F)		23°C (73°F)		35°C (95°F)	
Immersion	8 hrs		6 hrs		4 hrs		4 hrs	
Touch Dry	1 hrs		45 mins		30 mins		20 mins	

Note: Max. Immersion Times are as follows: 5-35°C - 6 mths
The minimum drying times before lifting in straps are as follows: 5°C - 24hrs, 15°C - 10hrs

Overcoated By	Overcoating							
	5°C (41°F)		15°C (59°F)		23°C (73°F)		35°C (95°F)	
	Min	Max	Min	Max	Min	Max	Min	Max
Uni-Pro 250	16 hrs	ext	10 hrs	ext	6 hrs	ext	4 hrs	ext

APPLICATION AND USE

Preparation	<p>PREVIOUSLY ANTIFOULED SURFACE:</p> <p>In Good Condition: All fouling and contamination must be thoroughly removed including the leached layer. Use high pressure fresh water wash (3000 psi/207 bar) and/or scraping and wet sanding with typically 80-120 grade paper. Do not dry sand. If old antifouling is incompatible or unknown, seal with suitable International Paint barrier/sealer coat.</p> <p>In Poor Condition: Use Interstrip to remove all traces of antifouling.</p> <p>PRIMING: All preparation for bare substrates is covered on the appropriate primer datasheet.</p> <p>BARE GRP: Prime with Gelshield 200 for osmosis protection, or Primocon or Interprotect.</p> <p>STEEL/IRON/LEAD/WOOD: Prime with Interprotect or Primocon.</p> <p>PLYWOOD: Prime with Epiglass followed by Interprotect.</p>
Hints	<p>Mixing: Thoroughly stir until product is mixed to a uniform consistency before use.</p> <p>Thinning: Thinning is not recommended. Antifouling performance can be compromised if correct dry film thickness is not applied.</p> <p>Cleaner: YTA085 International Antifouling Thinners #3.</p> <p>Airless Spray: Pressure 176-220 bar/2500-3200 psi. Tip size: 517 to 521.</p> <p>Ventilation and Humidity Control: Ensure adequate ventilation during use.</p> <p>Other: Antifouling should only be wet sanded. Never dry sand or burn-off old antifouling. True colour will develop after immersion.</p>
Some Important Points	<p>To prevent premature failure, ensure the correct amount of paint is applied using the coverage as a guide. Product temperature should be minimum 5°C/41°F and maximum 35°C/95°F. Ambient temperature should be minimum 5°C/41°F and maximum 35°C/95°F. Substrate temperature should be minimum 1°C/5°F above dew point and maximum 35°C/95°F.</p> <p>If you are regularly travelling at high speed (eg 30 knots) you might experience early wear through. Consult your local International Paint Representative for further advice if you are unsure about the suitability of Uni-Pro 250 for your specific requirements.</p>
Compatibility/Substrates	Suitable for use on GRP, wood, steel/iron and lead. Not suitable for use over Aluminium/Alloy substrates or zinc sprayed

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surfaces.
Can be applied direct over most types of antifouling, provided they are in sound condition, with the exception of VC17m/PTFE antifouling. Consult your local International Paint representative for specific overcoating advice if you are unsure about compatibility of Uni-Pro 250 over your existing coating scheme.

Number of Coats

By brush/roller:

Apply 2 coats of 60 microns dry for 12 months (Total DFT of 120 microns)

By spray:

Apply 1 coat of 120 microns dry for 12 months (Total DFT of 120 microns)

In all schemes, apply an extra stripe coat in areas of high wear such as chines, rudders, sterngear and any leading edges.

Coverage

By brush/roller:

(Theoretical) – 10m²/L per coat

(Practical) – 9m²/L per coat

By spray (Professional only):

(Theoretical) – 5m²/L per coat

(Practical) – 3m²/L per coat

Recommended DFT per coat

60 microns dry per coat by brush/roller

120 microns dry per coat by spray

Recommended WFT per coat

100 microns wet per coat by brush/roller

200 microns wet per coat by spray

Application Methods

Airless Spray (Professional only), Brush, Roller

TRANSPORTATION, STORAGE AND SAFETY INFORMATION

Storage

GENERAL INFORMATION:

Exposure to air and extremes of temperature should be avoided. For the full shelf life of Uni-Pro 250 to be realised ensure that between use the container is firmly closed and the temperature is between 5°C/41°F and 35°C/95°F. Keep out of direct sunlight.

TRANSPORTATION:

This product should be kept in securely closed containers during transport and storage.

Safety

GENERAL:

Contains biocides.

Antifouling should only be wet sanded. Never dry sand or burn-off old antifouling.

Read the label safety section for Health and Safety Information, also available from our Technical Help Line.

DISPOSAL:

Do not discard tins or pour paint into water courses, use the facilities provided. It is best to allow paints to harden before disposal.

Remainders of this product cannot be disposed of through the municipal waste route or dumped without permit. Disposal of remainders must be arranged for in consultation with the authorities.

IMPORTANT NOTES

The information given in this sheet is not intended to be exhaustive. Any person using the product without first making further written enquiries as to the suitability of the product for the intended purpose does so at their own risk and we can accept no responsibility for the performance of the product or for any loss or damage (other than death or personal injury resulting from negligence) arising out of such use. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.

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