

Interprotect :

Primers

High Performance Epoxy Polyamide Primer/Undercoat

PRODUCT DESCRIPTION

A high performance two pack epoxy polyamide primer/undercoat. Suitable as a primer for Polyester, Vinylester, Epoxy, Steel, Aluminium, Ferro cement and Timber hulls, above and below the waterline.

- * Recoatable with itself for periods of up to 6 months
- * Good abrasion resistance
- * Use above and below the waterline
- * Quick drying.
- * Easy sanding

PRODUCT INFORMATION

Colour	YPA401-White Cured film is white.
Finish	Low sheen
Specific Gravity	1.4
Volume Solids	41%
Mix Ratio	3:1 by volume (as supplied)
Converter/Curing Agent	YPA402
VOC (As Supplied)	451 g/lit
Unit Size	500 ml, 1 Lt, 4 Lt, 16 Lt

DRYING/OVERCOATING INFORMATION

	Drying			
	5°C (41°F)	15°C (59°F)	23°C (73°F)	35°C (95°F)
Touch Dry [ISO]	4 hrs	2 hrs	1 hrs	30 mins
Immersion	24 hrs	18 hrs	12 hrs	8 hrs
Pot Life	10 hrs	5 hrs	3 hrs	2 hrs


Note: Minimum drying and overcoating temperature should read 7°C where 5°C is stated. Max. Immersion Times are as follows: 7-35°C - Indefinite.

Overcoated By	Overcoating Substrate Temperature							
	5°C (41°F)		15°C (59°F)		23°C (73°F)		35°C (95°F)	
	Min	Max	Min	Max	Min	Max	Min	Max
Awlcraft Antifouling	10 hrs	24 hrs	5 hrs	9 hrs	3 hrs	7 hrs	1 hrs	5 hrs
Bottomkote :	10 hrs	24 hrs	5 hrs	9 hrs	3 hrs	7 hrs	1 hrs	5 hrs
Coppercoat	10 hrs	24 hrs	5 hrs	9 hrs	3 hrs	7 hrs	1 hrs	5 hrs
Coppercoat Extra	10 hrs	24 hrs	5 hrs	9 hrs	3 hrs	7 hrs	1 hrs	5 hrs
Interprotect :	10 hrs	6 mths	5 hrs	6 mths	3 hrs	6 mths	2 hrs	3 mths
Micron 66 :	10 hrs	24 hrs	5 hrs	9 hrs	3 hrs	7 hrs	1 hrs	5 hrs
Micron 77:	10 hrs	24 hrs	5 hrs	9 hrs	3 hrs	7 hrs	1 hrs	5 hrs
Micron Extra :	10 hrs	24 hrs	5 hrs	9 hrs	3 hrs	7 hrs	1 hrs	5 hrs
Perfection Undercoat :	36 hrs	-	24 hrs	-	16 hrs	-	10 hrs	-
Trilux 33 :	10 hrs	24 hrs	5 hrs	9 hrs	3 hrs	7 hrs	1 hrs	5 hrs
Trilux :	10 hrs	24 hrs	5 hrs	9 hrs	3 hrs	7 hrs	1 hrs	5 hrs
Ultra	10 hrs	24 hrs	5 hrs	9 hrs	3 hrs	7 hrs	1 hrs	5 hrs
VC Offshore :	10 hrs	24 hrs	5 hrs	9 hrs	3 hrs	7 hrs	1 hrs	5 hrs
YRA600 Undercoat	36 hrs	-	15 hrs	-	16 hrs	-	10 hrs	-

Note: If maximum overcoating time is exceeded, sand with 180-220 grade wet or dry paper. Interprotect : must be sanded prior to overcoating with Perfection Undercoat and YRA600 Undercoat.

APPLICATION AND USE

Please refer to your local representative or visit www.yachtpaint.com for further information.

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Preparation

STEEL Thoroughly degrease with a suitable thinner/cleaner using the 2 cloth method prior to carrying out any mechanical cleaning. Blast damaged or corroded areas to near white metal surface as per AS1627.4 Class 2.5. If blasting is not possible, grind with 24-36 grade (grit) discs to a uniform, clean, bright metal surface with a 50-75 microns anchor pattern. Thin the first coat of primer 15% with suitable thinner.

ALUMINIUM Thoroughly degrease with a suitable thinner/cleaner using the 2 cloth method prior to carrying out any mechanical cleaning. Low pressure grit blast using aluminium oxide or a copper-free equivalent. If blasting is not possible, power disc with 24-36 grade discs to a surface profile of 50-75 micron/ 2-3 mils. (NB Power wire brushing is not permitted as it is ineffective and wires are often steel, leading to corrosion). After being degreased the aluminium surface may be sanded, on small areas, with aluminium oxide papers to present a water break surface and, after drying, pre-primed with Etch Primer. Thin the first coat of primer 15% with suitable thinner.

EPOXY PRIMERS Sweep blast or abrade with 280 grade paper.

EPOXY FILLERS Sand with 60-120 grade (grit) paper. Do not wipe down any epoxy fillers with solvent.

FERROCEMENT Allow to cure for at least 28 days above 20°C/68°F. Ensure structure is free from excess moisture. Remove all laitance, efflorescence and any other surface contaminants. Thin the first coat of primer 15% with suitable thinner.

BARE GRP/COMPOSITE Ensure all waxes and uncured resins are removed. Sand with 80-180 grade (grit) paper.

GELCOATS Sand to remove oxidation and gloss, avoiding cutting too deep into the surface which may result in small air bubbles being exposed which will then require filling.

ZINC/GALVANISED STEEL On new surfaces/those free from oxidation by-products, thoroughly degrease with suitable thinners using the two cloth method. Oxidised surfaces will require mechanical abrasion to clean thoroughly.

LEAD Thoroughly degrease with a suitable thinner/cleaner using the 2 cloth method. Rub down with an emery cloth or power wire brush. Pre-prime using Etch Primer where appropriate.

BARE WOOD Sand with 80-280 grade paper. Remove oil from oily woods eg teak, using Universal Thinners #4. Change rags frequently. Thin the first coat of primer 15% with suitable thinner.

IMPORTANT NOTES

For further information refer to International Professional Application Manual or the International Boat Painting and Product Guide.

Method

Remove blast/grinding/sanding residues with a clean air line & sweep with a clean brush, or vacuum clean for best results. On blasted and rough ground surfaces do not try and wipe with rags and thinners as the rags will catch and leave particles of cloth behind. Apply required number of coats, detailed in the specification sheets, by method chosen or stipulated, allowing required overcoating interval between applications. Thin first coat applications as detailed above.

Hints

Mixing Mix the two components thoroughly to an even colour. After mixing, allow to stand for 10-15 minutes before using.

Thinner YTA061 International Epoxy Thinners #7.

Cleaner YTA061 International Epoxy Thinners #7.

Ventilation and Humidity Control Ensure adequate ventilation during use.

Some Important Points

Will not cure below 5°C. Product temperature should be minimum 10°C/50°F and maximum 35°C/95°F. Ambient temperature should be minimum 10°C/50°F and maximum 35°C/95°F. Substrate temperature should be minimum 10°C/50°F and maximum 35°C/95°F.

Compatibility/Substrates

Polyester, Vinylester, Epoxy, Steel, Aluminium, Ferro cement and Timber. For use above and below the waterline. Antifouling may be applied directly after suitable preparation. Must be overcoated with Perfection Undercoat or YRA600 Undercoat prior to applying two pack polyurethane top coats. It should not be used over any one pack products.

Number of Coats

1-5

Coverage

(Theoretical) - 9.8 m²/lt

(Practical) - 9 m²/lt

Recommended DFT

42 microns dry

Recommended WFT

102 microns wet

Application Methods

Brush, Roller

TRANSPORTATION, STORAGE AND SAFETY INFORMATION

Storage

TRANSPORTATION:

Interprotect : should be kept in securely closed containers during transport and storage.


STORAGE:

Exposure to air and extremes of temperature should be avoided. For the full shelf life of Interprotect : 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.

Safety

DISPOSAL:

Please refer to your local representative or visit www.yachtpaint.com for further information.

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

GENERAL:

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

Always use gloves and goggles and keep skin protected with overalls. Users should ensure they have a copy of the Material Safety Datasheet for this product and that they are familiar with all the safety directions before use.

IMPORTANT NOTES

The technical information and suggestions for use and application presented herein are not intended to be exhaustive, but they represent the best information available to use and are believed to be reliable. They should not, however, be construed as controlling suggestions and there is no warranty of performance of our materials either expressed or implied. We urge that users of our materials conduct confirmatory tests to determine final suitability for their specific end uses. Because this datasheet is subject to changes from time to time, it is the user's responsibility to check that this sheet is current prior to using the product.