

Interprime 450

Primers

Epoxy Anticorrosive



PRODUCT DESCRIPTION

A pure epoxy coating with excellent water barrier properties giving excellent long term anticorrosive protection. Can be applied directly over suitably prepared and primed steel and aluminium. Suitable for use with controlled cathodic protection.

* High performance anti-corrosive primer

PRODUCT INFORMATION

Colour	YPA450-Bronze, YPA451-Aluminium
Finish	Matt
Specific Gravity	1.23
Volume Solids	60%
Mix Ratio	2.5 volumes Part A to 1 volume Part B
Converter/Curing Agent	YPA455
Typical Shelf Life	2 years
VOC (As Supplied)	386 g/lit
VOC (EU Solvent)	318 g/Kg EU Solvent Emissions Directive (Council Directive 1999/13/EC)
Unit Size	17.5 Lt unit

DRYING/OVERCOATING INFORMATION

	Drying							
	5°C (41°F)		15°C (59°F)		25°C (77°F)		35°C (95°F)	
Touch Dry	5 hrs		4 hrs		3 hrs		2 hrs	
Hard Dry	8 hrs		7.5 hrs		6 hrs		3 hrs	
Pot Life	6 hrs		4.5 hrs		2.5 hrs		60 mins	

	Overcoating							
	Substrate Temperature							
Overcoated By	5°C (41°F)		15°C (59°F)		25°C (77°F)		35°C (95°F)	
	Min	Max	Min	Max	Min	Max	Min	Max
Epoxy Tiecoat	9 hrs	14 days	7 hrs	14 days	7 hrs	14 days	4 hrs	14 days
Interfill 550	-	-	2 days	14 days	24 hrs	14 days	24 hrs	14 days
Interior Primer 860	9 hrs	14 days	7 hrs	14 days	7 hrs	14 days	4 hrs	14 days
Interprime 450	9 hrs	14 days	8 hrs	14 days	7 hrs	14 days	4 hrs	14 days
Interprime 450 Non Immersed Areas	9 hrs	6 mths	8 hrs	6 mths	7 hrs	6 mths	4 hrs	3 mths

APPLICATION AND USE

Preparation

Use in accordance with the standard Global Yacht specifications. All surfaces to be coated should be clean, dry and free from contamination. High pressure fresh water wash or fresh water wash as appropriate, to remove all oil, grease, soluble contaminants and other detrimental foreign matter.

STEEL Thoroughly degrease the surface. Grit blast to Sa 2½ - near white metal surface. 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. Remove all blasting/grinding/sanding residues with a clean air line and sweep with a clean brush or broom. (Vacuum clean for best results.)

ALUMINIUM Degrease with Super Cleaner. Blast with aluminium oxide or copper-free equivalent. If blasting is not possible, disc with 24-36 grade aluminium oxide paper to a uniform, clean, bright metal surface with a 50-75 micron/ 2-3 mils anchor pattern. Note: use of filler at the waterline must be overcoated with a thin coat of Epoxy GP Coating and allowed to dry for 24 hours (at 20°C) prior to application of Interprime 450.

GRP/FRP Degrease with solvent, Super Cleaner or a suitable liquid detergent. Sand well using 120-180 grade paper to remove all traces of gloss. Wash down with water and ensure rinse water "sheets out" over the entire surface with no breaks or holes in the water film. Clean down thoroughly and ensure surface is dry. Prime using an International primer as detailed for specific coating systems.

Hints

Mixing A power agitator should be used to mix both the individual components and the mixed paint.

Thinner Use International GTA220 only in exceptional circumstances (max. 5% by volume).

Cleaner Use GTA822 for equipment cleaning.

Airless Spray Pressure: 211 bar. Tip Size: 0.66-0.79 mm/26-31 thou.

Other Brush or roller application may be suitable for small areas but multiple coats may be needed to achieve specified

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

All trademarks mentioned in this publication are owned by, or licensed to, the AkzoNobel group of companies. © AkzoNobel 2024.

Interprime 450

Primers

Epoxy Anticorrosive



Some Important Points

DFT.

Interprime 450 should be high pressure fresh water washed and/or solvent washed prior to overcoating, where necessary, to ensure removal of any surface contamination that has accumulated. Interprime 450 may be applied at substrate temperatures down to -5°C/23°F, however consideration should be given when overcoating at low temperatures as the remainder of the system may require higher temperatures to achieve full cure.

Compatibility/Substrates

Consult your International Paint Representative for the system best suited for the surface to be protected.

Number of Coats

2

Coverage

(Theoretical) - 4 m²/L per coat

Recommended DFT per coat

150 microns dry

Recommended WFT per coat

250 microns wet

Application Methods

Airless Spray, 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 Interprime 450 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:

Interprime 450 should be kept in securely closed containers during transport and storage.

Safety

GENERAL:

Always use gloves and goggles and keep skin protected with overalls. 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 Interprime 450 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.

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

All trademarks mentioned in this publication are owned by, or licensed to, the AkzoNobel group of companies. © AkzoNobel 2024.