

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 | 1.229 |
| Volume Solids | 60% |
| Mix Ratio | 2.5 volumes Part A to 1 volume Part B |
| Converter/Curing Agent | YPA455 |
| Typical Shelf Life | 12 months |
| VOC (As Supplied) | 386 g/lit |
| VOC (EU Solvent) | 318 g/Kg EU Solvent Emissions Directive (Council Directive 1999/13/EC) |
| Unit Size | 8.75 lt |

DRYING/OVERCOATING INFORMATION

| | Drying | | | | | | | |
|-----------|------------|--|-------------|--|-------------|--|-------------|--|
| | 5°C (41°F) | | 15°C (59°F) | | 23°C (73°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 | | 1 hrs | |

| 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 |
| Epoxy Tiecoat | 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 |
| Intersleek Pro Tie Coat | - | - | 5 hrs | 2 days | 4 hrs | 2 days | 3 hrs | 2 days |

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 solvent or suitable detergent 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.

GRP/FRP: Degrease with solvent or suitable detergent cleaner. Sand well using 180-220 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 (Professional only): 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 DFT.

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

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Some Important Points

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) - 4.0 m²/lt

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:

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:

The product 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. Reminders of Interprime 450 cannot be disposed of through the municipal waste route or dumped without permit. Disposal of reminders 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.yachtpaint.com for further information.

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