

Interprime 880

Primers

High Performance Epoxy Finish Primer



PRODUCT DESCRIPTION

Interprime 880 is a 2-component, epoxy finish primer designed for use across a broad temperature range and to provide an excellent, smooth base for polyurethane topcoats such as Perfection. Interprime 880 is also suitable for application directly over Interfill 830 and Interfill 833 fairing compounds.

* Can be used over a wide temperature range (5°C-35°C/40°F-95°F) without the need for addition of accelerator.

* Anticorrosive properties to accommodate 'sand through' to metal substrates

* Simple 1:1 mixing ratio for easy measurement of components

* Excellent gloss holdout of topcoats.

* Improved ease of sandability

Interprime 880 can be used on a wide variety of substrates including composite/GRP, and suitably primed metal and wood.

PRODUCT INFORMATION

Colour	YPA884-Off White, YPA885-Blue Grey
Finish	Matt
Specific Gravity	1.18
Volume Solids	41%
Mix Ratio	1:1 by volume (as supplied)
Converter/Curing Agent	YPA883
Typical Shelf Life	2 yrs
VOC (As Supplied)	503 g/lit
Unit Size	2 Lt (Mixed). 8 Lt (Mixed).

DRYING/OVERCOATING INFORMATION

	Drying							
	5°C (41°F)		15°C (59°F)		23°C (73°F)		35°C (95°F)	
Touch Dry	3 hrs		2 hrs		50 mins		35 mins	
Pot Life	24 hrs		19 hrs		9.5 hrs		6 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
Interprime 880	1 hrs	7 days	1 hrs	7 days	1 hrs	7 days	1 hrs	7 days
Interspray 900	1 days	3 days	16 hrs	1 days	8 hrs	1 days	8 hrs	1 days
Interspray 900	1 days	3 days	16 hrs	1 days	8 hrs	1 days	8 hrs	1 days
Perfection	1 hrs	7 days	1 hrs	7 days	1 hrs	7 days	1 hrs	7 days
Perfection Pro	1 hrs	7 days	1 hrs	7 days	1 hrs	7 days	1 hrs	7 days
Reaction Lacquer	1 days	3 days	16 hrs	1 days	8 hrs	1 days	8 hrs	1 days
Note: If high humidities are present (>75%) then minimum overcoating interval for Interspray 900 should increase to 3 days for all temperatures.								

APPLICATION AND USE

Preparation	<p>STEEL/ALUMINIUM Prime with Interprime 820, filling with Interfill 830/Interfill 833 as required. Sand with 60-120 grade (grit) paper to obtain profile. Prime with Interprime 820 or Interprime 880 and sand with 280-320 grade (grit) paper.</p> <p>WOOD Prime with Interprime 820. Sand with 280-320 grade (grit) paper.</p> <p>GELCOAT/COMPOSITE Thoroughly degrease the surface by wiping with a cloth soaked in solvent, changing cloths frequently to avoid contamination. Sand with 80-180 grade (grit) paper.</p> <p>EPOXY FILLERS Sand with 60-120 grade (grit) paper. Prime with Interprime 820 or Interprime 880. Sand with 280-320 grade (grit) paper.</p> <p>EPOXY PRIMERS Wipe down with a reputable Wipe Down Solvent, changing cloths frequently to avoid contamination. Sand with 180 grade (grit) paper, followed by 280-320 grade (grit). As specified Max. two coats Interprime 880 per day.</p> <p>ALL SUBSTRATES Remove all blasting/grinding/sanding residues with a clean air line and sweep with a clean brush or broom. (Vacuum clean for best results.)</p>
Method	Apply required number of coats, detailed in the specification sheets, by spray, allowing required overcoating interval between applications. Thin first coat when applying on wood.
Hints	Mixing Stir contents of each part prior to mixing. Mix base and curing agent thoroughly at the specified ratio.

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

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Thinner YTA910, YTA920

Thinning For temperatures 5 - 21°C use YTA910 or YTA915, 21 - 35°C use YTA920. YTA910 can also be used as an equipment cleaner. Note: YTA925 to be used only above 30°C and in conjunction with YTA920 as the minor solvent. (No greater than 5% addition by volume).

Cleaner YTA910 or GTA220

Ventilation and Humidity Control Apply in dry, well ventilated conditions.

Airless Spray Pressure: 165 bar/2400 psi. Airless Tip Size: 0.38-0.48 mm/15-19 thou. Apply unthinned epoxy by airless spray only. For air-assisted airless spray application: Pressure: 165 bar/2400 psi fluid pressure (3.5 bar / 50psi additional air to the tip). Tip Size: 0.33-0.38 mm/13-15 thou. Thinning 5% recommended. Applications at reduced pressures are possible BUT optimising atomisation is advised i.e. lowest tip size, high fluid pressures, good air supply to tip - but not excessive, especially if fluid pressures are below 135 bar/2000 psi. Fluid pressures below 100 bar/1500 psi are not recommended, as the resulting coating will have sub-optimal appearance. To achieve optimal film appearance the higher fluid pressure recommendation is advised.

Conventional Spray Pressure 2.1-4.08 bar/30-60 psi (gun pressure). Pot pressure (6ft hose) 8-10 psi. Tip Size: 1.4-1.8 mm/55-70 thou. Reduce from 5-15%. Smaller reduction (5%) is recommended when using larger tip sizes. Note: Reducing >15% will result in DFT's < 100 microns/3.9 mils.

Brush Use brush application for touch-ups

Roller Can be used for touch-ups.

Other When "high building" avoid risk of solvent entrapment by adhering to film build and overcoating recommendations.

Do not use below 5°C/41°F. Do not use unless mixed thoroughly with the curing agent at specified ratio. 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 40°C/104°F. Substrate temperature should be minimum 5°C/41°F and maximum 40°C/104°F.

Some Important Points

Compatibility/Substrates

Not suitable for use over 1 part paint products.

Number of Coats

As specified Max. two coats Interprime 880 per day.

Coverage

(Theoretical) - 4 m²/L per coat @ 250 microns WFT.

Recommended DFT per coat

100 microns dry

Recommended WFT per coat

244 microns wet

Application Methods

Airless Spray, Conventional Spray

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 880 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 880 should be kept in securely closed containers during transport and storage.

Safety

GENERAL: 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 880 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.