

# 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

<b>Colour</b>	YPA884-Off White, YPA885-Blue Grey
<b>Finish</b>	Low sheen
<b>Specific Gravity</b>	1.18
<b>Volume Solids</b>	41%
<b>Mix Ratio</b>	1:1 by volume (as supplied)
<b>Converter/Curing Agent</b>	YPA883
<b>Typical Shelf Life</b>	2 yrs
<b>VOC (As Supplied)</b>	503 g/l
<b>Unit Size</b>	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 (Professional)	1 days	3 days	16 hrs	1 days	8 hrs	1 days	8 hrs	1 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

<b>Preparation</b>	<p><b>STEEL/ALUMINIUM</b> 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><b>WOOD</b> Prime with Interprime 820. Sand with 280-320 grade (grit) paper.</p> <p><b>GELCOAT/COMPOSITE</b> 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><b>EPOXY FILLERS</b> Sand with 60-120 grade (grit) paper. Prime with Interprime 820 or Interprime 880. Sand with 280-320 grade (grit) paper.</p> <p><b>EPOXY PRIMERS</b> 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><b>ALL SUBSTRATES</b> 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>
<b>Method</b>	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.
<b>Hints</b>	<b>Mixing</b> 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 <http://www.yachtpaint.com> for further information.

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### High Performance Epoxy Finish Primer



**Thinner** YTA910, YTA915, YTA920, YTA925

**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.

#### Some Important Points

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.

#### 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) - 4.0 m<sup>2</sup>/lt @ 250 microns WFT.

#### Recommended DFT per coat

100 microns dry

#### Recommended WFT per coat

250 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.*