

## PRODUCT DESCRIPTION

Interspray 800 is a two-part acrylic polyurethane clear topcoat finish providing high gloss with excellent durability. It is used as a glazecoat to enhance coloured surfaces and is also suitable for use as a clear varnish on wood or epoxy laminate (including teak). Popular areas for such use are floors and railings where a fast drying durable finish is required. It comes with 2 hardeners which allow application in a wide range of temperatures and flexibility with application on different boat sizes.

\* "Repairable" finish coating

\* Buffable

\* Two speeds of curing agent

The formulation also gives Interspray 800 a quick "touch dry" time that is helpful when applying in less than ideal conditions.

## PRODUCT INFORMATION

<b>Colour</b>	YQA800-Glaze Coat
<b>Finish</b>	Full gloss
<b>Specific Gravity</b>	1.093
<b>Volume Solids</b>	40%
<b>Mix Ratio</b>	3:1 by volume , Converter/Curing Agent - YQA803, YZA901 . YZA901 is for warm weather or large yacht applications; YQA803 is for cool weather or small boat applications.
<b>Typical Shelf Life</b>	2 yrs
<b>VOC (As Supplied)</b>	620 g/ltr
<b>Unit Size</b>	1.5 Lt

## DRYING/OVERCOATING INFORMATION

	Drying			
	10°C	15°C	23°C	35°C
Hard Dry [ISO]	24hrs	20hrs	16hrs	12hrs
Sandable	48hrs	30hrs	24hrs	12hrs
Pot Life	6hrs	5hrs	4hrs	1.5hrs

**Note:** Figures quoted above are for YQA803. YZA901 greatly extends the open time versus YQA803 hardener to yield the better overspray "melt-in" needed when finishing larger yachts, over 30 ft (10 m), or virtually any size yacht when temperatures are greater than 80°F (27°C). YQA803 is usually for yachts under 30 ft (10 m), or virtually any size vessel when temperatures are under 57°F (14°C), although YQA803 can be used for painting small parts at any temperature, even 100°F (38°C).

Overcoated By	Overcoating Substrate Temperature							
	10°C		15°C		23°C		35°C	
	Min	Max	Min	Max	Min	Max	Min	Max
Interspray 800	-	72hrs	-	48hrs	-	36hrs	-	24hrs

**Note:** Interspray 800 is overcoatable with itself as soon as it is "touch dry".

## APPLICATION AND USE

<b>Preparation</b>	<p><b>PREVIOUSLY PAINTED SURFACES:</b></p> <p><b>In Good Condition:</b> Remove any previous 1-pack finishes. Clean with Yacht Line Super Cleaner. Abrade with 280-320 grade (grit) paper.</p> <p><b>In Poor Condition:</b> Remove all previous coatings and prime the substrate.</p> <p><b>BARE WOOD:</b> Sand smooth with 80-180 grade paper and then 280 grade paper. Remove sanding dust by brushing, dusting and wiping. If wiping with solvent then allow to dry completely before applying the first coat.</p> <p><b>OILY WOODS e.g. Teak:</b> Recommended for use on interiors only. Remove oil from oily woods eg teak, using Thinners No. 9.</p> <p><b>Priming bare wood (not oily woods):</b> Apply Intertox or UCP. If UCP has been omitted thin the first coat by 10-15% with Thinners No.9.</p>
<b>Method</b>	<p>Ensure surface has been properly prepared and is clean and dry. Apply the first coat full wet at 2-3 mils/50-76 microns WFT. Apply the second coat as soon as the first coat is "touch dry"; full</p>

wet at 2-3 mils/50-76 microns WFT. In the rare event that more than three coats are required, wait at least 2 hours before progressing with further coats.

## Hints

**Mixing** Stir contents of each part prior to mixing. Mix base and curing agent thoroughly at the specified ratio.

**Thinner** Fast YTA910, Standard YTA915, Slow YTA920, Extra Slow YTA925, Retarder YTA930.

**Thinning** YQA803: Reduce 25-35%. YZA901: Reduce 35-50%. Use YTA915 at 10-16°C (50-60°F), YTA920 at 16-24°C (60-75°F), YTA925 at 24°C+ (75°F+), and use YTA930 as a retarder for YTA925 blended in as needed. If needed, YTA910 is faster than YTA915, but painting under 10°C (50°F) is not recommended. There is generally no need to use YTA930 even at 35°C (95°F). However, where a dry spray technique is used, YTA930 will probably be needed to compensate in hot weather.

**Ventilation and Humidity Control** Apply in dry, well ventilated conditions. YZA901 curing system requires humidity to cure hard. When humidity is low, such as in a heated building in the Winter, keep the floor continuously wet after application (without splashing the curing paint) to achieve a hard cure within the times quoted.

**Conventional Spray** Apply by conventional spray (pressure pot, siphon or gravity). Tip Size: 0.76-1.4 mm/30-55 thou. Pressure Pot: 3.44-4.08 bar/50-60 psi - gun pressure; typically 6-10 psi pot pressure.

**Other** For Airmix spray application: Pressure: 74.8 bar/1100 psi. Tip Size: 06-113. HVLP Spray: Call for equipment recommendations BURNISHING/BUFFING ADVICE: Remove fine surface debris/blemishes with 1200/1500 grade sandpaper preferably used wet. Follow this by buffing, initially using heavy pressure, with a fast cut compound using a foam dimple compound pad reaching 1500 rpm. When the buffing compound starts to dry, increase the polishing speed to 2000-2500 rpm and decrease the pressure. To finish, buff using a new foam dimple polishing pad commencing at 1500 rpm and again increasing to 2000-2500 rpm. Move the buffing pad evenly over the substrate at all times to prevent localised overheating.

**Hardening** With either hardener, accelerate with YQA100 (per mixed 1.5 lt topcoat unreduced) as follows: 10-16°C (50-60°F) - Min 2 ml, Max 24 ml; 16-21°C (60-70°F) - Min 1 ml, Max 12 ml; 21-27°C (70-80°F) - Max 6 ml; 27-29°C (80-85°F) - Max 2 ml. The minimum accelerator levels are best for very large yachts, whereas the maximum levels are best for small boats or parts. Never exceed the maximum accelerator recommendations above.

## Some Important Points

Avoid painting in direct sunlight or if this is unavoidable at least compensate with a slower reducer. Contains isocyanates which may be harmful to the respiratory tract. Although easily polished, Interspray 800 is a high gloss clear topcoat that should only be polished as needed (for example, if there's dirt in the job). Ambient, product and substrate temperature should be minimum 10°C/50°F. Substrate temperature should be 3°C/5°F above dew point.

## Compatibility/Substrates

It should not be used over any one pack products.

## Coverage

(Theoretical) - 12.90 (m<sup>2</sup>/lt) @ 3.0 mils WFT.  
(Practical) - 7.74 (m<sup>2</sup>/lt)

## Recommended DFT

30.5 microns dry per coat

## Recommended WFT

76 microns wet per coat

## Application Methods

Airmix, Conventional Spray, HVLP Spray

## TRANSPORTATION, STORAGE AND SAFETY INFORMATION

### Storage

#### TRANSPORTATION:

Interspray 800 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 Interspray 800 to be realised ensure that between use the container is firmly closed and the temperature is between 5°C/40°F and 35°C/95°F. Keep out of direct sunlight.

### Safety

**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 Interspray 800 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.

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

Interspray 800 should be used in a controlled atmosphere. Overspray can cause skin irritation or respiratory problems. Contains isocyanates which may be harmful to the respiratory tract.

## 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 or 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.*

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## Regional Addresses

### Head Office

International Paint Ltd  
P O Box 20980  
Oriol House  
16 Connaught Place  
London W2 2ZB  
United Kingdom  
tel: +44 (0) 171 479 6000  
fax: +44 (0) 171 479 6500

### European Region

International Paint Ltd  
Stoneygate Lane  
Felling, Gateshead  
Tyne & Wear NE10 0JY  
United Kingdom  
tel: +44 (0) 191 469 6111  
fax: +44 (0) 191 438 3977

### Asia Region

International Paint Singapore  
(Pte) Ltd  
449 Tagore Industrial Avenue  
01-03 Hong Joo Industrial  
Building  
Singapore 787820  
tel: +65 6453 1981  
fax: +65 6453 1778

### Australasia Region

International Paint  
115 Hyde Road  
Yeronga, Brisbane  
Queensland 4104  
Australia  
tel: +61 (0) 7 3892 8866  
fax: +61 (0) 7 3892 4287

### North America Region

International Paint Inc  
2270 Morris Avenue  
Union  
New Jersey 07083  
USA  
tel: +1 (0) 908 686 1300  
fax: +1 (0) 908 686 8545

### South America Region

International Paint  
Rod Rap tavares, KM 18.5  
Predio Administrativo 11  
Butanta CEP 05577-300  
Sao Paulo, Brazil  
tel: +55 (0) 11 3789 2000  
fax: +55 (0) 11 3789 2200



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