

## PRODUCT DESCRIPTION

Polyurethane Basecoat is formulated for optimum application by either brush or conventional spray.

\* High opacity for excellent covering power

\* Tough and durable

\* Easily sanded to a smooth finish.

\* Semi gloss finish for easier checking of profile.

Accelerator can be added to reduce curing periods and the white shade can be tinted with Interspray colours to increase depth of colour of the final finish.

## PRODUCT INFORMATION

<b>Colour</b>	YRA800-White, YRA802-Blue
<b>Finish</b>	Semi-gloss
<b>Specific Gravity</b>	1.39
<b>Volume Solids</b>	50%
<b>Mix Ratio</b>	3:1 by volume , Converter/Curing Agent - YRA805
<b>Typical Shelf Life</b>	2 yrs
<b>VOC (As Supplied)</b>	488 g/lit
<b>Unit Size</b>	2.5 Lt

## DRYING/OVERCOATING INFORMATION

	Drying			
	10°C	15°C	23°C	35°C
Touch Dry [ISO]	11hrs	7hrs	3hrs	2hrs
Sandable	48hrs	30hrs	16hrs	8hrs
Pot Life	5hrs	3hrs	2hrs	1hrs

Overcoated By	Overcoating Substrate Temperature							
	10°C		15°C		23°C		35°C	
	Min	Max	Min	Max	Min	Max	Min	Max
Interspray 900	32hrs	4days	16hrs	3days	10hrs	2days	8hrs	1days
Perfection	32hrs	4days	16hrs	3days	10hrs	2days	8hrs	1days
Perfection	32hrs	4days	16hrs	3days	10hrs	2days	8hrs	1days
Polyurethane Basecoat	32hrs	4days	16hrs	3days	10hrs	2days	8hrs	1days
Toplac	48hrs	ext	30hrs	ext	16hrs	ext	8hrs	ext

**Note:**Toplac should only be applied to thoroughly sanded Polyurethane Basecoat.

## APPLICATION AND USE

### Preparation

#### PREVIOUSLY PAINTED SURFACES:

**In Good Condition:** Wash down with Yacht Line Super Cleaner, rinse with fresh water and allow to dry. Sand smooth with 280-320 grade paper.

**In Poor Condition:** Remove all previous coatings and prime the substrate.

**GELCOAT/COMPOSITE:** Thoroughly degrease the surface by wiping with a cloth soaked in solvent, changing cloths frequently to avoid contamination. Sand smooth with 80-120 grade paper.

**EPOXY FILLERS:** Sand with 60-120 grade (grit) paper. Prime with Interprime 820.

**EPOXY PRIMERS:** Sweep blast or abrade with 180-280 grade paper. Remove all blasting/grinding/sanding residues with a clean air line and sweep with a clean brush or broom. (Vacuum clean for best results.)

### Hints

**Mixing** Stir individual products prior to mixing. Mix the base and curing agents of Polyurethane Basecoat together at the specified mix ratio.

**Thinner** YTA910, YTA930, YTA920

**Cleaner** YTA925 GTA853 can also be used for equipment cleaning.

**Ventilation and Humidity Control** Polyurethane Basecoat should only be used in a controlled atmosphere.

**Conventional Spray** Thin using YTA910 or YTA920 to a viscosity of 14-18 secs through a DIN #4 viscosity cup. When using a conventional gun with a suction cup, a 1.1-1.4 mm tip is recommended. A 1.1 mm tip is recommended for a pressure fed system.

**Other** For Airmix spray application: Pressure: 2.5 bar. Tip Size: 06-113. To shorten drying times, 5-10 ml of Interspray Accelerator, YQA100, may be added. Polyurethane Basecoat may be tinted with Perfection if required. If more than 10% is added, the Polyurethane Basecoat will become harder to rub down. HVLP spray applications may result in reduced dry film thickness. Specified scheme DFT's must be achieved for full performance to be realised.

<b>Some Important Points</b>	Not suitable for permanently immersed surfaces. Do not apply below 10°C. Product temperature should be minimum 10°C and maximum 35°C. Substrate temperature should be minimum 10°C and maximum 35°C. Ambient temperature should be minimum 10°C and maximum 35°C.
<b>Compatibility/Substrates</b>	Apply onto fillers, primers and existing paint schemes once properly sanded. Do not use Polyurethane Basecoat on flexible constructions. It should not be used over any one pack products.
<b>Number of Coats</b>	1-2 as per specification
<b>Coverage</b>	(Theoretical) - 12.50 (m <sup>2</sup> /lt) (Practical) - 7.00 (m <sup>2</sup> /lt) by spray
<b>Recommended DFT</b>	50 microns dry by spray
<b>Recommended WFT</b>	100 microns wet by spray
<b>Application Methods</b>	Brush, Roller, Conventional Spray, Airmix

## TRANSPORTATION, STORAGE AND SAFETY INFORMATION

<b>Storage</b>	<b>GENERAL INFORMATION:</b> Exposure to air and extremes of temperature should be avoided. For the full shelf life of Polyurethane Basecoat 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. <b>TRANSPORTATION:</b> Polyurethane Basecoat should be kept in securely closed containers during transport and storage.
<b>Safety</b>	<b>GENERAL:</b> Contains isocyanates which may be harmful to the respiratory tract. Polyurethane Basecoat should be used in a controlled atmosphere. Overspray can cause skin irritation or respiratory problems. Read the label safety section for Health and Safety Information, also available from our Technical Help Line. <b>DISPOSAL:</b> Reminders of Polyurethane Basecoat 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.
<b>IMPORTANT NOTES</b>	<i>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.</i> <b>X</b> and International are registered trademarks of Akzo Nobel.

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