

# YRA600 Undercoat

## Undercoats

### High Performance Undercoat



#### PRODUCT DESCRIPTION

A high performance two pack polyurethane undercoat suitable, after priming has been carried out, for Polyester, Vinylester, Epoxy, Steel, Aluminium, Ferro Cement and Timber hulls above the waterline prior to application of two pack polyurethane finish coats.

- \* Easy application
- \* Excellent opacity and film building properties
- \* Excellent gloss hold out of finish coats
- \* Easy sanding

#### PRODUCT INFORMATION

<b>Colour</b>	YRA600-White
<b>Finish</b>	Low sheen
<b>Specific Gravity</b>	1.4
<b>Volume Solids</b>	46%
<b>Mix Ratio</b>	3:1 by volume (as supplied)
<b>Converter/Curing Agent</b>	YGB601
<b>VOC (As Supplied)</b>	485 g/lit
<b>Unit Size</b>	500 ml 1 Lt 4 Lt

#### DRYING/OVERCOATING INFORMATION

	Drying			
	5°C (41°F)	15°C (59°F)	23°C (73°F)	35°C (95°F)
Touch Dry	11 hrs	7 hrs	3 hrs	2 hrs
Pot Life	1.5 hrs	1 hrs	30 mins	15 mins

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
Intergloss	40 hrs	-	24 hrs	-	16 hrs	-	10 hrs	-
Interspray 900 :	40 hrs	-	24 hrs	-	16 hrs	-	10 hrs	-
Reaction Lacquer	40 hrs	-	24 hrs	-	16 hrs	-	10 hrs	-
Reaction Lacquer Semi Gloss	40 hrs	-	24 hrs	-	16 hrs	-	10 hrs	-
YRA600 Undercoat	32 hrs	4 days	16 hrs	3 days	10 hrs	2 days	6 hrs	1 days

**Note:** If Maximum Recoat Times are exceeded, sand using 180-320 grade (grit) wet or dry paper. Overcoating Times for the finish coats are the Minimum Overcoating Time with Sanding.

#### APPLICATION AND USE

<b>Preparation</b>	All surfaces to be coated should be clean, dry and free from contamination.
<b>Hints</b>	<b>Mixing</b> After mixing, allow to stand for 5 minutes before using. <b>Thinner</b> YTA006 International Retarder Thinners #9. YTA064 International Polyurethane Spraying Thinners #10. For spray application thin as required with YTA064, typically up to 25% maximum. <b>Cleaner</b> YTA064 International Polyurethane Spraying Thinners #10. <b>Ventilation and Humidity Control</b> Ensure adequate ventilation during use. <b>Conventional Spray</b> Pressure: Fluid pressure <2 bar / 30 psi; Air pressure 4 bar / 60 psi. Tip Size: 1.3-1.5 mm. <b>Other</b> For Airmix spray application: Pressure: Fluid pressure 60 bar / 880 psi; Air pressure <2.5 bar / 37 psi. Tip Size: 06-113. For best performance temperature should be above 10°C.
<b>Some Important Points</b>	Will not cure below 5°C. Product temperature should be minimum 10°C/50°F and maximum 35°C/95°F. Ambient temperature should be minimum 10°C/50°F and maximum 35°C/95°F. Substrate temperature should be minimum 10°C/50°F and maximum 35°C/95°F.
<b>Compatibility/Substrates</b>	It should not be used over any one pack products.
<b>Number of Coats</b>	1-3
<b>Coverage</b>	(Theoretical) - 9.4 m <sup>2</sup> /lt (Practical) - 8.5 m <sup>2</sup> /lt by brush, 7.5 m <sup>2</sup> /lt by spray
<b>Recommended DFT per coat</b>	48 microns dry

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<b>Recommended WFT per coat</b>	106 microns wet
<b>Application Methods</b>	Brush, Conventional Spray, Airmix, Roller

#### TRANSPORTATION, STORAGE AND SAFETY INFORMATION

<b>Storage</b>	<p><b>TRANSPORTATION:</b> YRA600 Undercoat should be kept in securely closed containers during transport and storage.</p> <p><b>STORAGE:</b> Exposure to air and extremes of temperature should be avoided. For the full shelf life of YRA600 Undercoat 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.</p>
<b>Safety</b>	<p><b>DISPOSAL:</b> Do not discard tins or pour paint into water courses, use the facilities provided. It is best to allow paints to harden before disposal.</p> <p><b>GENERAL:</b> Read the label safety section for Health and Safety Information, also available from our Technical Help Line. Always use gloves and goggles and keep skin protected with overalls. Users should ensure they have a copy of the Material Safety Datasheet for this product and that they are familiar with all the safety directions before use.</p>
<b>IMPORTANT NOTES</b>	<p><i>The technical information and suggestions for use and application presented herein are not intended to be exhaustive, but they represent the best information available to use and are believed to be reliable. They should not, however, be construed as controlling suggestions and there is no warranty of performance of our materials either expressed or implied. We urge that users of our materials conduct confirmatory tests to determine final suitability for their specific end uses. Because this datasheet is subject to changes from time to time, it is the user's responsibility to check that this sheet is current prior to using the product.</i></p>

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