

# Perfection Undercoat

## Undercoats

### High Performance Undercoat



#### PRODUCT DESCRIPTION

High performance two part polyurethane undercoat suitable for all finishes. Perfection Undercoat is the ideal base for a long lasting scheme, when used with Perfection Finish.

- \* Easy application, fast drying and easy sanding
- \* Excellent gloss hold out of finish coats
- \* Semi-gloss appearance

#### PRODUCT INFORMATION

Colour	YRA003-White, YRA302-Blue
Finish	Semi-gloss
Specific Gravity	1.39
Volume Solids	50%
Mix Ratio	3:1 by volume (as supplied)
Converter/Curing Agent	YGA006
Typical Shelf Life	2 yrs
VOC (As Supplied)	488 g/lit
Unit Size	750 ml, 2.5 Lt
	Not all pack sizes are available in all countries

#### 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
Sandable	48 hrs	30 hrs	16 hrs	12 hrs
Pot Life	5 hrs	3 hrs	2 hrs	1 hrs

  

	Overcoating Substrate Temperature							
	5°C (41°F)		15°C (59°F)		23°C (73°F)		35°C (95°F)	
Overcoated By	Min	Max	Min	Max	Min	Max	Min	Max
Interdeck	32 hrs	4 days	16 hrs	3 days	10 hrs	2 days	8 hrs	1 days
Perfection	32 hrs	4 days	16 hrs	3 days	10 hrs	2 days	8 hrs	1 days
Perfection Undercoat	32 hrs	4 days	16 hrs	3 days	10 hrs	2 days	8 hrs	1 days
Toplac	32 hrs	4 days	16 hrs	3 days	10 hrs	2 days	8 hrs	1 days

#### APPLICATION AND USE

Preparation	<p><b>PREVIOUSLY PAINTED SURFACES</b></p> <p><b>In Good Condition</b> Wash down with Super Cleaner, rinse with fresh water and allow to dry. 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>PRIMING</b> All preparation for bare substrates is covered on the appropriate primer datasheet.</p> <p><b>BARE WOOD</b> Prime with Interprotect.</p> <p><b>STEEL</b> Prime with Interprotect.</p> <p><b>ALUMINIUM</b> Prime with Interprotect.</p> <p><b>GRP</b> Wash down with Super Cleaner, rinse with fresh water and allow to dry. Abrade with 180-220 grade paper.</p> <p><b>AGED/WEATHERED GELCOATS</b> Degrease with solvent or suitable detergent cleaner. Sand well using 180-220 grade paper. Clean thoroughly and allow to dry completely. To avoid potential pinholing, apply 3 coats of an International 2 pack epoxy primer which must be then overcoated with an International 2 pack undercoat prior to topcoat application.</p> <p><b>ALL SUBSTRATES</b> If any filling is required use the appropriate product from the International range.</p>
Method	<p>If maximum overcoating time of previous coating/primer is exceeded, abrade using 180-220 grade paper. Remove dust with a dust wipe. Apply 1-2 coats.</p>
Hints	<p><b>Mixing</b> Stir contents of each part prior to mixing. Add Curing Agent to the Base, stir and leave for 10 minutes to allow bubbles to disperse.</p> <p><b>Thinner</b> Thinner No.9</p> <p><b>Cleaner</b> Thinner No.9</p>

Please refer to your local representative or visit [www.yachtpaint.com](http://www.yachtpaint.com) for further information.

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**Ventilation and Humidity Control** Apply in dry, well ventilated conditions. Avoid excessively humid conditions, over 80% relative humidity.

**Spray application - PROFESSIONAL USE ONLY.**

**Other** Best applied at 15°C. To give extra depth of colour, Perfection finish colours may be added to Perfection Undercoat. Both products should be mixed with respective curing agent first.

#### Some Important Points

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 35°C/95°F. Substrate temperature should be minimum 5°C/41°F and maximum 35°C/95°F.

#### Compatibility/Substrates

Will crack on carvel and clinker/lapstrake hulls. Perfection Undercoat should be applied over cured epoxy primers or fillers or onto cured GRP/Composite. It should not be used over any one pack products.

#### Number of Coats

1-2

#### Coverage

(Theoretical) - 13.16 m<sup>2</sup>/L per coat  
(Practical) - 11.8 m<sup>2</sup>/L per coat

#### Recommended DFT per coat

38 microns dry by brush

#### Recommended WFT per coat

76 microns wet by brush

#### Application Methods

Brush, Roller, **DO NOT SPRAY** - Professional applicators looking for details on spray application should refer to the Perfection Undercoat (Professional) datasheet

### TRANSPORTATION, STORAGE AND SAFETY INFORMATION

#### Storage

##### GENERAL INFORMATION:

Exposure to air and extremes of temperature should be avoided. For the full shelf life of Perfection 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.

##### TRANSPORTATION:

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

#### Safety

##### GENERAL:

Contains isocyanates which may be harmful to the respiratory tract. 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 Perfection Undercoat 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.*