

PRODUCT DESCRIPTION

The ultimate in varnish performance, combining excellent chemical and abrasion resistance with superb gloss.

* Chemical cure gives resistance to fuels, oil and mild acids and alkalis

* Up to four times longer service life than ordinary varnishes

UV filters combine with the chemical cure to give the longest possible life.

PRODUCT INFORMATION

Colour	YVA853-Clear
Finish	Full gloss
Specific Gravity	1.04
Volume Solids	43%
Mix Ratio	3:1 by volume , Converter/Curing Agent - YVA850
Typical Shelf Life	2 yrs
VOC (As Supplied)	530 g/lit
Unit Size	750 ml 2.5 Lt

DRYING/OVERCOATING INFORMATION

	Drying			
	5°C	15°C	23°C	35°C
Touch Dry [ISO]	7hrs	5hrs	2hrs	1hrs
Pot Life	5hrs	3hrs	2hrs	1hrs

	Overcoating							
	Substrate Temperature							
	5°C		15°C		23°C		35°C	
Overcoated By	Min	Max	Min	Max	Min	Max	Min	Max
Perfection Varnish	28hrs	4days	14hrs	3days	6hrs	2days	4hrs	1days

Note: If maximum overcoating times are exceeded, sand using 280-320 grade (grit) wet or dry paper.

APPLICATION AND USE

Preparation	<p>PREVIOUSLY VARNISHED WOOD:</p> <p>In Good Condition: Clean with thinners. Sand smooth with 280-320 grade paper. Remove sanding dust with thinners.</p> <p>In Poor Condition: Remove all previous coatings.</p> <p>BARE WOOD: Sand smooth with 80-120 grade paper and then 280 grade paper. Clean surface by brushing, dusting or wiping. If wiping with solvent then allow to dry completely before applying first coat of varnish.</p> <p>Priming bare wood: Apply Intertox or UCP. If UCP has been omitted thin the first coat by 10-15% with Thinners No.9.</p> <p>OILY WOODS e.g. Teak: Perfection Varnish is not suitable for application on oily woods.</p>
Method	For best results when applying by roller, smooth off with a pad or brush. Avoid using direct from the can.
Hints	<p>Mixing Stir individual products prior to mixing. Mix the amount you expect to use in a separate container. Add Curing Agent to the Base, stir and leave for 10 minutes to allow bubbles to disperse.</p> <p>Thinner YTA006 Thinners No.9</p> <p>Cleaner YTA006 Thinners No.9</p> <p>Ventilation and Humidity Control Apply 4 coats minimum in dry, well ventilated conditions. Best applied at ambient temperatures of between 15°C and 20°C. Sensitive to moisture during application. Avoid excessively humid conditions, over 80% relative humidity. Avoid applying late</p>

in the evening as condensation can cause a loss of gloss overnight.

Some Important Points	Avoid painting in direct sunlight. Do not use unless mixed thoroughly with the curing agent at specified ratio. DO NOT SPRAY . Contains Isocyanates which may be harmful to lungs, read the safety data section before use. Not suitable for continuous immersion. Product temperature should be minimum 15°C and maximum 35°C. Substrate temperature should be minimum 5°C/40°F and maximum 35°C/95°F.
Compatibility/Substrates	Perfection Varnish is not compatible with Teak, Iroko and other oily wood types. Will crack on carvel and clinker/lapstrake hulls. Do not use Perfection Varnish on flexible constructions. It should not be used over any one pack products.
Number of Coats	4 coats minimum
Coverage	(Theoretical) - 12.20 (m ² /lt) (Practical) - 11.00 (m ² /lt)
Recommended DFT	35 microns dry by brush
Recommended WFT	82 microns wet by brush
Application Methods	Brush, Roller

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 Varnish 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.
TRANSPORTATION:
Perfection Varnish 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 Varnish 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 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.*

X and International are registered trademarks of Akzo Nobel.

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



Ref: 05000014
Issue Date: 4-Sep-2004
Supersedes: 14-Feb-2003