

PRODUCT DESCRIPTION

A premium fast drying, clear, two-pack polyurethane primer. Clear Wood Sealer Std (Polygrond) is suitable for use above the waterline on both interior and exterior surfaces where it provides an exceptional impact, scratch and wear resistant primer surface ready for overcoating.

PRODUCT INFORMATION

Colour	IVA325-Clear
Finish	High Gloss
Specific Gravity	1.02
Volume Solids	42%
Mix Ratio	3:1 by volume (as supplied) Mix ratio by weight: 2.54 : 1 YVA325: YVA326, Converter/Curing Agent - IVA326
Typical Shelf Life	2 yrs
VOC (As Supplied)	504 g/ltr
Unit Size	10 Lt

DRYING/OVERCOATING INFORMATION

	Drying			
	10°C	15°C	23°C	35°C
Touch Dry [ISO]	8hrs	5hrs	3hrs	2hrs
Pot Life	10hrs	6hrs	5hrs	3hrs

Overcoated By	Overcoating Substrate Temperature							
	10°C		15°C		23°C		35°C	
	Min	Max	Min	Max	Min	Max	Min	Max
Clear Wood Sealer Std (Polygrond)	4days	ext	48hrs	ext	24hrs	ext	12hrs	ext
Goldspar	4days	ext	48hrs	ext	24hrs	ext	12hrs	ext
Goldspar Satin	4days	ext	48hrs	ext	24hrs	ext	12hrs	ext
Interspray 800	4days	ext	48hrs	ext	24hrs	ext	12hrs	ext
Perfection	4days	ext	48hrs	ext	24hrs	ext	12hrs	ext
Perfection Varnish	4days	ext	48hrs	ext	24hrs	ext	12hrs	ext
Schooner	4days	ext	48hrs	ext	24hrs	ext	12hrs	ext
Toplac	4days	ext	48hrs	ext	24hrs	ext	12hrs	ext

Note: Clear Wood Sealer Std (Polygrond) should always be well sanded with 320 grade (grit) paper before overcoating with itself or a finish coat.

APPLICATION AND USE

Preparation

PREVIOUSLY VARNISHED WOOD:

In Good Condition: (Two-pack only). Clean with thinners. Sand smooth with 280-320 grade paper. Remove sanding debris. (One-pack only). Remove all previous coatings.

In Poor Condition: Remove all previous coatings.

BARE WOOD: Sand with 180 grade (grit) paper. Lightly sand with 240 grade paper. Ensure sanding debris is removed prior to proceeding. If wiping with solvent allow to dry completely before applying first coat.

Priming bare wood: Thin the first coat with 25% Thinners No.9 and apply by brush to achieve penetration. This will increase the drying time of the first coat.

OILY WOODS e.g. Teak: After sanding, clean the surface with Thinner No. 10 or YTA910. Apply the first coat of Clear Wood Sealer Std (Polygrond) immediately after the evaporation of thinners as teak contains oily substances that can cause adhesion problems.

Method

Apply a minimum of 4 coats including the first thinned coat. Sand with 320 grade (grit) paper between coats. Remove sanding debris.

Hints	<p>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 YTA910 (spray), YTA006 Thinners No.9 (roller), YTA063 Thinners No.10 (brush)</p> <p>Cleaner YTA910, YTA006 Thinners No.9</p> <p>Ventilation and Humidity Control During application and drying in a confined spaces, continuous ventilation is required to extract solvent vapours for health and safety reasons and to assist the drying process. To achieve sufficient curing, the maximum relative air humidity should not exceed 60%.</p> <p>Conventional Spray Pressure: 3.5-4.0 bar (50-60 psi). Tip Size: 1.0-1.4 mm/25-35 thou. Thin each coat 10-15% by volume with YTA910 Spray Thinners.</p> <p>Brush Use a long-haired, wide, flat brush when brushing. Thin first coat by 25% with YTA063 Thinners No.10.</p> <p>Roller Thin each coat 10% with YTA006, Thinners No.9.</p>
Some Important Points	<p>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. Substrate temperature should be 3°C/5°F above dew point. Product temperature should be minimum 10°C/50°F and maximum 35°C/95°F. Relative humidity should be greater than 30% and should not exceed 80%. Avoid painting in direct sunlight. Do not use unless mixed thoroughly with the curing agent at specified ratio. Contains Isocyanates which may be harmful to lungs, read the safety data section before use. This product may get darker on exposure and is therefore not recommended for use on light-coloured wood such as ash or light-coloured oak. Do not apply over conventional paints or flexible constructions. Clear Wood Sealer Std (Polygrond) should only be used as a primer/sealer and should always be used with a suitable finish.</p>
Compatibility/Substrates	Marine plywood and tropical hardwood, well sanded and cleaned Clear Wood Sealer Std (Polygrond).
Number of Coats	4 coats minimum
Coverage	(Theoretical) - 13.30 (m ² /lt) (Practical) - 12.00 (m ² /lt) by brush, 10 m ² /lt by spray
Recommended DFT	30 microns dry
Recommended WFT	75 microns wet
Application Methods	Brush, Roller, Conventional Spray

TRANSPORTATION, STORAGE AND SAFETY INFORMATION

Storage	<p>GENERAL INFORMATION: Exposure to air and extremes of temperature should be avoided. For the full shelf life of Clear Wood Sealer Std (Polygrond) 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.</p> <p>TRANSPORTATION: Clear Wood Sealer Std (Polygrond) should be kept in securely closed containers during transport and storage.</p>
Safety	<p>GENERAL: Contains isocyanates which may be harmful to the respiratory tract. Clear Wood Sealer Std (Polygrond) 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.</p> <p>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.</p> <p>Remainders of Clear Wood Sealer Std (Polygrond) 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.</p>

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
Oriental House
16 Connaught Place
London W2 2ZB
United Kingdom

European Region
International Paint Ltd
Stoneygate Lane
Felling, Gateshead
Tyne & Wear NE10 0JY
United Kingdom

Asia Region
International Paint Singapore
(Pte) Ltd
449 Tagore Industrial Avenue
01-03 Hong Joo Industrial
Building
Singapore 787820

Australasia Region
International Paint
115 Hyde Road
Yeronga, Brisbane
Queensland 4104
Australia

North America Region
International Paint LLC
2270 Morris Avenue
Union
New Jersey 07083
USA

South America Region
International Paint
Rod Rap tavares, KM 18.5
Predio Administrativo 11
Butanta CEP 05577-300
Sao Paulo, Brazil

tel: +44 (0) 171 479 6000
fax: +44 (0) 171 479 6500

tel: +44 (0) 191 469 6111
fax: +44 (0) 191 438 3977

tel: +65 6453 1981
fax: +65 6453 1778

tel: +61 (0) 7 3892 8866
fax: +61 (0) 7 3892 4287

tel: +1 (0) 908 686 1300
fax: +1 (0) 908 686 8545

tel: +55 (0) 11 3789 2000
fax: +55 (0) 11 3789 2200



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