

Perfection

Finishes

High Performance Polyurethane Gloss Finish



PRODUCT DESCRIPTION

Perfection 2-part polyurethane is the ultimate performing topside coating, providing a high-gloss finish with superb colour retention. Perfection uses UV filters in combination with chemical curing for the longest possible protection.

* Formulated to achieve professional results with ease

* Chemically resistant to diesel, petrol, oil, mild acids and alkalis

* Tough and abrasion-resistant; an excellent choice for use on high wear areas e.g. decks (with Non-Slip Additive).

PRODUCT INFORMATION

Colour	YHA183-Platinum, YHA184-Med. White, YHA192-Off White, YHA194-Oyster White, YHA198-Mat'horn White, YHA216-Royal Blue, YHB000-Snow White, YHB663-Jade Mist Green, YHE294-Chilli Red, YHF991-Mauritius Blue, YHK990-Flag Blue, YHS056-Fight. Lady Yellow, YHS070-Cream, YHS187-Polar White, YHS248-Arctic White, YHS253-Pearl White, YHS299-Rochelle Red, YHS936-Lauderdale Blue, YHY999-Jet Black
Finish	High Gloss
Specific Gravity	1.17
Volume Solids	49%
Mix Ratio	2:1 by volume (as supplied)
Converter/Curing Agent	YGB001
Typical Shelf Life	2 yrs
VOC (As Supplied)	486 g/lit
Unit Size	750 ml, 2.5 lt

Note: Not all colours or pack sizes are available in all countries. Consult with your local Technical Representative for further information.

DRYING/OVERCOATING INFORMATION

	Drying			
	10°C (50°F)	15°C (59°F)	23°C (73°F)	35°C (95°F)
Touch Dry	11 hrs	7 hrs	4 hrs	3 hrs
Sandable	24 hrs	24 hrs	24 hrs	12 hrs
Pot Life	5 hrs	3 hrs	2 hrs	1 hrs

Note: Note: Pot life refers to the Working Pot Life. Sandable figures refer to spray application.

Overcoated By	Overcoating							
	Substrate Temperature							
	10°C (50°F)		15°C (59°F)		23°C (73°F)		35°C (95°F)	
	Min	Max	Min	Max	Min	Max	Min	Max
Perfection	28 hrs	4 days	14 hrs	3 days	6 hrs	2 days	4 hrs	1 days

Note: When spraying, product may be overcoated when touch dry.

APPLICATION AND USE

Preparation	<p>By brush/roller:</p> <p>PREVIOUSLY PAINTED SURFACES</p> <p>In Good Condition Wash down with Super Cleaner, rinse with fresh water and allow to dry. Abrade with 280-320 grade (grit) paper.</p> <p>In Poor Condition Remove all previous coatings and prime the substrate.</p> <p>PRIMING See primer datasheets.</p> <p>BARE WOOD/STEEL/ALUMINIUM Prime with Interprotect.</p> <p>GRP Wash down with Super Cleaner, rinse with fresh water and allow to dry. Sweep blast or abrade with 180-220 grade paper. No priming necessary.</p> <p>AGED/WEATHERED GELCOATS Due to increased porosity, the risk of solvent/moisture entrapment is increased, leading to potential blistering. To reduce this risk 3 coats of Interprotect are recommended to seal the gelcoat. Interprotect must be overcoated with Perfection Undercoat prior to topcoat application.</p> <p>ALL SUBSTRATES Use Perfection Undercoat.</p> <p>Sand the undercoat smooth with 320-400 grade (grit) wet or dry paper. Remove dust with a tack rag.</p>
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Please refer to your local representative or visit www.yachtpaint.com for further information.

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	<p>By spray - Professional only: PREVIOUSLY PAINTED SURFACES, STEEL, ALUMINIUM, GRP, AGED/WEATHERED GELCOATS: See brush/roller guidelines. BARE WOOD: Prime with Interprime 820. ALL SUBSTRATES: Use Perfection Undercoat or Interprime 880 prior to topcoat application. Sand the Perfection Undercoat or Interprime 880 with a minimum of 400 grade wet or dry paper. Clean the surface thoroughly, using tack rags and a Wipe Down Solvent. During cleaning use dry paper wipes to remove any residue or solvent.</p>
Method	By spray (Professional only): For the best finish, the first coat should be applied thickly enough for even coverage and flow, but do not attempt to achieve full opacity. Do not apply a dry tack-coat first. Leave first coat until it is "touch dry". Apply a full coat. When this coat is touch dry, apply a further 1 or 2 full coats (depending on colour) to achieve full coverage. If more paint needs to be applied, wait at least another 24 hrs before proceeding, to avoid solvent entrapment.
Hints	<p>Conventional Spray: Reduce viscosity to 14s, DIN4 cup or equivalent. Pressure: 3-4 bar. Tip Size: 1.0-1.4 mm. (Professional only)</p> <p>Mixing Stir each part individually. Add Curing Agent to the Base, stir and leave for 10 minutes to allow bubbles to disperse.</p> <p>Thinner: YTA910, YTA920 (Professional only) Brush/roller - Thinner #9 or Thinner 100 (professional only) may be used. Thin no more than 10%.</p> <p>Thinning: Mix base and curing agent first and then thin as required. Select thinner according to ambient temperature, spray gun setup, application technique and paint viscosity. As a general guide: 10-20°C - YTA910; 18-35°C - YTA920. For fuller guidelines on thinning, consult the Professional Application Manual.</p> <p>Cleaner: YTA910, YTA920</p>
Some Important Points	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 40°C/104°F. Substrate temperature should be minimum 10°C/50°F and maximum 40°C/104°F. Do not use in high wind. Avoid painting in direct sunlight. Avoid humid conditions. Do not apply over conventional paints or flexible constructions. Do not use unless mixed thoroughly with the curing agent at specified ratio. Not suitable for permanently immersed surfaces. Avoid applying late in the evening as condensation can cause a loss of gloss during overnight cure. Allow to dry in a well ventilated environment. If red Perfection is to be used then a full coat of glazecoat should be used as a final coat after full opacity has been achieved with the pigmented system to prevent premature loss of gloss or colour change.
Compatibility/Substrates	Do not use Perfection on flexible constructions. Will crack on carvel and clinker/lapstrake hulls. Perfection should not be used over any one-pack products. Not suitable for permanently immersed surfaces. By spray: Apply only over sanded polyurethane finishes, International's Perfection Undercoat or Interprime 880 (professional only). Ensure all sanding residues are removed before application of the Perfection finish.
Number of Coats	Conventional Spray: Half coat + two full coats minimum 2-3 by brush/roller
Coverage	(Theoretical) - 13.24 m ² /L per coat (Practical) - 11.9 m ² /L per coat
Recommended DFT per coat	37 microns dry
Recommended WFT per coat	76 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 this product 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> <p>TRANSPORTATION: Perfection 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. 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. Remainders of Perfection 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	<p><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 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></p>