

PRODUCT DESCRIPTION

Perfection 2-part polyurethane is the ultimate performing, high gloss topside finish. It provides long lasting, ultra-high gloss finish that has superb colour-retention, together with excellent chemical and abrasion resistance. It has been formulated specifically to enable users to achieve high quality whether application is by brush, roller or conventional spray. UV filters combined with the chemical cure of the polyurethane to give the longest life possible.

- * Hardest, abrasion-resistant finish making it an excellent choice for use on high wear areas e.g. decks (with Intergrip additive).
- * Chemically resistant to diesel, petrol, oil, mild acids and alkalis

PRODUCT INFORMATION

Colour	YHA183-Platinum A183, YHA184-Mediterranean White A184, YHA192-Off White A192, YHA194-Oyster White A194, YHA198-Matterhorn White A198, YHA216-Royal Blue A216, YHB000-Snow White B000, YHB663-Jade Mist Green B663, YHF991-Mauritius Blue F991, YHK990-Flag Blue K990, YHS056-Fighting Lady Yellow S056, YHS070-Cream S070, YHY999-Jet Black Y999
Finish	High Gloss
Specific Gravity	1.167
Volume Solids	49.0%
Mix Ratio	2:1 by volume (as supplied) , Converter/Curing Agent - YGB001
Typical Shelf Life	2 yrs
VOC (As Supplied)	486 g/ltr
Unit Size	750 ml , 2.5 Lt (some colours only)

DRYING/OVERCOATING INFORMATION

	Drying			
	10°C	15°C	23°C	35°C
Sandable	24hrs	24hrs	16hrs	12hrs
Pot Life	4hrs	3hrs	2hrs	1hrs

Note:Pot life refers to the Working Pot Life.

	Overcoating							
	Substrate Temperature							
Overcoated By	10°C		15°C		23°C		35°C	
	Min	Max	Min	Max	Min	Max	Min	Max
Perfection	-	4days	-	3days	-	2days	-	1days

Note:Minimum overcoating time is when coat is touch dry.

APPLICATION AND USE

Preparation

PREVIOUSLY PAINTED SURFACES:

In Good Condition: Wash down with Yacht Line Super Cleaner, rinse with fresh water and allow to dry. Abrade with 280-320 grade (grit) paper.

In Poor Condition: Remove all previous coatings and prime the substrate.

PRIMING: Substrate preparation is covered separately on the primer datasheet.

BARE WOOD: Prime with Interprime 820 or UCP.

STEEL/ALUMINIUM: Prime with Interprime 820.

GRP: Wash down with Yacht Line Super Cleaner, rinse with fresh water and allow to dry. Abrade with 180-220 grade paper.

AGED/WEATHERED GELCOATS: Due to the potentially porous nature of aged/weathered gelcoats the risk of solvent/moisture entrapment after painting is much higher than when gelcoat is new. As a result this entrapment could lead to blistering of the paint film. To reduce the risk of paint film blistering it is recommended that 3 coats of Interprotect are applied to seal the gelcoat. Interprotect must be overcoated with Polyurethane Basecoat prior to topcoat application.

ALL SUBSTRATES: Use Polyurethane Basecoat or Interprime 880 prior to topcoat application. Sand the Polyurethane Basecoat or Interprime 880 with a minimum of 400 grade wet or dry

paper. Ensure the surface is thoroughly cleaned. The use of tack rags and a reputable Wipe Down Solvent can help achieve the required level of cleanliness. During the cleaning process, wash down solvent or water must not be allowed to dry on the surface. Residues must be removed using dry paper wipes. Any sanding residue remaining on the surface can impair the finish.

Method	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. Accelerator may be necessary at temperatures below 30°C. Consult Interspray Accelerator datasheet for recommended addition levels.
Hints	<p>Mixing Stir contents of each part prior to mixing. Mix the base and curing agents of Perfection together at the specified mix ratio. Add Curing Agent to the Base, stir and leave for 20 minutes to allow bubbles to disperse.</p> <p>Thinner YTA910, YTA915, YTA920, YTA925</p> <p>Thinning Mix base and curing agent first and then thin as required. The choice of thinners will depend on the ambient temperature, the spray gun set up, application techniques and paint viscosity. As a general guide: 10-18°C - YTA910; 16-23°C - YTA915; 21-28°C - YTA920; >28°C - YTA925. For fuller guidelines on thinning, consult the Professional Application Manual.</p> <p>Cleaner YTA910, YTA915, YTA920, YTA925</p> <p>Ventilation and Humidity Control Apply in dry, well ventilated conditions. Avoid excessively humid conditions, over 80% relative humidity.</p> <p>Conventional Spray For conventional spray applications reduce viscosity to 14s, DIN 4 cup or equivalent. Pressure: 3-4 bar. Tip Size: 1.0-1.4 mm.</p> <p>Other If using as a deck paint, mix in non-slip additive. Full hardness is achieved after 7-10 days at 15°C/59°F. If required, Perfection Matting Additive (YZM914) is available for use with Perfection. See Perfection Matting Additive datasheet for details on use.</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	Apply only over sanded polyurethane finishes, International's Polyurethane Basecoat or Interprime 880. Ensure all sanding residues are removed before application of the Perfection finish.
Number of Coats	Half coat + two full coats minimum
Coverage	(Theoretical) - 12.00 (m ² /lt)
Recommended DFT	37 microns dry
Recommended WFT	75 microns wet
Application Methods	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/40°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.</p> <p>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

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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