

**PRODUCT DESCRIPTION**

Toplac is a premium gloss marine enamel for all substrates above the waterline. It is exceptionally easy to apply by brush or roller and pad and contains UV filter for increased durability.

- \* Excellent flow characteristics
- \* Range of bright colours
- \* Over twice the life of ordinary alkyd enamels

Its unique chemical structure enables Toplac to outperform traditional finishes giving a long lasting high definition gloss.

**PRODUCT INFORMATION**

<b>Colour</b>	YKA027-Cream, YKA184-Med. White, YKA187-Ivory, YKA241-Norfolk Green, YKA265-Rescue Orange, YKA504-Fire Red, YKA905-White 905, YKA923-Squall Blue, YKB000-Snow White, YKB914-Baltic Blue, YKB993-Oxford Blue, YKE938-Danube Blue, YKF684-Atlantic Grey, YKF991-Mauritius Blue, YKJ292-Bounty, YKS101-Yellow, YKS299-Rochelle Red, YKS936-Lauderdale Blue, YKT541-Donegal Green, YKU898-Bondi Blue, YKY999-Jet Black, YKZ501-Rustic Red. Refer to colour chart for further details.
<b>Finish</b>	High Gloss
<b>Specific Gravity</b>	1.1
<b>Volume Solids</b>	51%
<b>Typical Shelf Life</b>	2 yrs
<b>VOC (As Supplied)</b>	404 g/lit
<b>VOC (EU Solvent)</b>	367.3 g/kg EU Solvent Emissions Directive (Council Directive 1999/13/EC)
<b>Unit Size</b>	750 ml, 375 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**

	<b>Drying</b>			
	5°C (41°F)	15°C (59°F)	23°C (73°F)	35°C (95°F)
Touch Dry	6 hrs	3 hrs	2 hrs	1 hrs


  

	<b>Overcoating</b>							
	<b>Substrate Temperature</b>							
	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
Toplac	24 hrs	4 days	16 hrs	3 days	8 hrs	2 days	6 hrs	1 days

**APPLICATION AND USE**

<b>Preparation</b>	<p><b>PREVIOUSLY PAINTED SURFACE:</b> In Good Condition: Wash down with a suitable detergent, 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.</p> <p><b>PRIMING:</b> Substrate preparation is covered separately on the primer datasheet.</p> <p><b>BARE WOOD:</b> Sand smooth with 80-180 and then 280 grade paper. Remove sanding dust by brushing, dusting and wiping. If wiping with solvent then allow to dry completely before applying products recommended for application direct to wood (see specific coating systems). Prime with Yacht Primer or Clear Wood Sealer Fast Dry.</p> <p><b>STEEL:</b> Degrease with solvent or Super Cleaner. Gritblast to Sa 2½ - near white metal surface. If gritblasting is not possible, grind the metal surface with 24-36 grit abrasive discs to a uniform, clean, bright metal surface 50-75-microns) anchor pattern. Use angle grinder on small areas. Clean thoroughly and allow to dry. Prime with Yacht Primer.</p> <p><b>ALUMINIUM:</b> Degrease with solvent or Yacht Line Super Cleaner. Sand well using 60-120 grade (aluminium compatible) paper. Clean thoroughly and allow to dry. Prime with Yacht Primer as soon as possible (within 8 hours).</p> <p><b>GRP:</b> Degrease with solvent or Super Cleaner. Sand well using 180-220 grade paper. Clean thoroughly and allow to dry. No primer required - apply Pre-Kote direct to GRP.</p>
--------------------	---

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

 International® the AkzoNobel logo and other products mentioned in this publication are trademarks of, or licensed to Akzo Nobel. ©Akzo Nobel 2009.



**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 Perfection Undercoat prior to topcoat application.  
**ALL SUBSTRATES:** Use Pre-Kote undercoat. If spray applying Toplac, Pre-Kote must be aged a minimum of 14 days. If this is not possible Perfection Undercoat can also be used as an undercoat.

**Method**

Sand the undercoat smooth with 320-400 grade (grit) wet or dry paper. Remove dust with a dust wipe. Apply 1-3 coats.

**Hints**

**Mixing** Stir well before use.  
**Thinner** Thinner No.1 (Brush/Roller), Thinner 910 (Spray application - PROFESSIONAL USE ONLY.).  
**Thinning** In warm or windy conditions up to 10% of thinner may be added to ease application.  
**Cleaner** Thinner No.1.  
**Ventilation and Humidity Control** Apply in dry, well ventilated conditions. Avoid applying late in the evening as condensation can cause a loss of gloss overnight.  
**Conventional Spray** Thin 10-25% with Thinner No. 910 (For Professional use ONLY) to a viscosity of 18-22 secs (BS4) or 16-20 secs (DIN4). Pressure: 3-4 bar. Tip Size: 1.1-1.4 mm. NOTE: Pre-Kote undercoat MUST be aged a minimum of 14 days before application of Toplac.  
**Spray application - PROFESSIONAL USE ONLY.**

**Other** For lighter colours, mix the first coat of finish 50:50 with the undercoat to improve the depth of colour and opacity. For best results when applying by roller, smooth off with a pad or brush.

**Some Important Points**

Toplac may discolour if used at temperatures above 80°C. Not suitable for permanently immersed surfaces. Do not use below 5°C.  
Ambient temperature should be minimum 5°C/41°F and maximum 35°C/95°F.  
Product temperature should be minimum 15°C/59°F and maximum 35°C/95°F.  
Substrate temperature should be minimum 5°C/41°F and maximum 35°C/95°F.  
Avoid applying late in the evening as condensation can cause a loss of gloss during overnight cure.

**Compatibility/Substrates**

Use over suitably prepared and undercoated surfaces or existing paint schemes.

**Number of Coats**

1-3 coats

**Coverage**

(Theoretical) - 13.33 m<sup>2</sup>/lt  
(Practical) - 12.0 m<sup>2</sup>/lt by brush, 8 m<sup>2</sup>/lt by spray

**Recommended DFT**

38 microns dry

**Recommended WFT**

75 microns wet

**Application Methods**

Conventional Spray, 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 Toplac 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:**

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

**Safety**

**GENERAL:**  
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 Toplac 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.*