Product Data Sheet
Gloss Finish Primer

Intended Uses

Gloss Finish Primer is a multi-use, polyurethane coating which provides a high gloss surface and quick drying times to allow for sanding in preparation for topcoat application. This coating is only intended to be applied as a finish primer that will show imperfections in the underlying priming and fairing compounds, before being sanded and overcoated with a topcoat.

Gloss Finish Primer is approved for application over High Build Primer, Epoxy Surfacing Primer and 545 Epoxy Primer.

Not to be used as a topcoat

Specification Data

Volume Solids	53% White and Grey, 51% Dark Blue
Specific Gravity	1.27 (White and Grey), 1.02 (Blue)
Available Packs	1 US Quart/0.946L (converter and activator), 1 US Gallon/3.785L (converter), 0.75 US Gallon/2.839L (Base)
Base	OU1800 White base, OU1100 Grey base, OU1500 Dark Blue base
Converter	OG0010 Awlcat #6 HS PU Converter
Activator	O73017 Pro-cure Activator
Equipment Cleaning	T0001, T0002, T0003, T0009
Typical Shelf Life	Base and Activator: 3 years Converter: 2 years

Theoretical Coverage

Application Methods	Number of Coats	Recommended Per Coat			Theoretical Coverage Per Coat (at recommended DFT)
		WFT	DFT	Max DFT	
Air Atomized	3	100 µm 4 mil	55 µm 2.2 mil	65 µm 2.6 mil	9.58 m²/lt 392.4 ft²/Gal

After sanding, the minimum recommended DFT is 100 microns (4 mil). A further coat may be necessary to achieve the minimum DFT.
Coverage calculations are based on theoretical transfer efficiency of 100%. Actual coverage rate obtained will vary according to equipment choice, application techniques, part size and application environment.

****See surface preparation section for number of coats guidance.**

VOC

All VOC information contained herein is theoretical (unless otherwise stated). Actual VOC content may vary by batch from one color to another and when tested via standard test methodology.

Product	VOC As Supplied (Without Reducer)			
	g/L	lb/gal	g/Kg	lb/lb
Base	398	3.32	381	0.381
Awlcat #6 Converter	312	2.60	306	0.306
Pro-Cure Activator (O73017)	839	7.00	998	0.998
Gloss Finish Primer	420	3.50	412	0.412

Surface Preparation

The surface preparation advice provided, and equipment suggestions, can be used as a guide. Preparation techniques and results will vary according to individual conditions, equipment choice/condition and other factors. Testing on a non-critical area should be carried out prior to full-scale preparation.

Sand primer with P180 - P240 grit abrasive. Clean any dust or residue thoroughly before applying the Gloss Finish Primer.

Gloss Finish Primer is approved for application over High Build, Epoxy Surfacing Primer (EU Only) and 545 Epoxy Primer.

Gloss Finish Primer over Gloss Finish Primer: Sand with P320 grit abrasive. Clean any dust or residue thoroughly before applying the Gloss Finish Primer.

Mixing & Reduction

Mixing and reduction requirements will vary according to individual conditions, climate, equipment choice/condition and other factors. Mixing and application of a small sample before full-scale application is recommended.

Mix ratio (by volume): 3:1:10% (Base : converter : activator)

Mix by volume 3 parts of base with 1 part of converter to a smooth, homogenous mixture. add 10% activator and then mix thoroughly.

Example mixes:
4 x 0.75 Gallon base : 1 Gallon converter : 1.5 Quart activator

0.75 Gallon base: 1 Quart converter : 0.4 Quart activator
2.839L : 0.946L : 0.379L

Gloss finish primer is not recommended to be thinned.

Application

Application equipment and parameters are given as a guide. Actual equipment choices will vary according to application conditions, equipment condition and other factors. Testing on a non-critical area should be carried out prior to full-scale application. Contact your local technical service representative for further advice if necessary.

Once the surface preparation is complete. Apply three coats of Gloss Finish Primer totalling at least 150 microns (6 mil) DFT after application and 100 microns (4 mil) DFT after sanding. A further coat may be necessary to achieve the minimum DFT.

Please refer to your local representative or visit www.international-yachtpaint.com for further information.

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Application Methods	Fluid Tip	Fluid Pressure	Fluid Flow Rate	Air Pressure
Air Atomized	0.85 - 1.30 mm 33 - 51 thou	To achieve desired fluid flow rate	180 - 280 cc/min	2.0 - 2.5 bar 29 - 36 psi



Recoatability & Drying Times

The data given for recoatability is not exhaustive. Actual recoatability can vary according to individual conditions, climate and surroundings. If unsure, consult your local technical service representative before proceeding.

Drying	15°C (59°F)	25°C (77°F)	35°C (95°F)	
Hard Dry	18 Hours	11 Hours	7 Hours	
Touch Dry	7 Hours	5 Hours	4 Hours	
Pot Life	2.5 Hours	1.5 Hours	45 Minutes	

Dry times and Pot Life will reduce when using O73016 (US Only) Fast Activator.

Overcoated By	15°C (59°F)		25°C (77°F)		35°C (95°F)			
	Min	Max	Min	Max	Min	Max		
Awlcraft 2000, Awlcraft 3000, Awlcraft SE, Awlgrip HDT, Awlgrip Topcoat	3 days**		3 days**		3 days**			
Gloss Finish Primer	1 Hour	24 Hours	30 Minutes	24 Hours	30 Minutes	24 Hours		

**When using O73016 Activator. Gloss Finish Primer can be cured for 1 day at 25ºC (77ºF) prior to sanding. Once cured, sand Gloss Finish Primer with P320 abrasive before applying topcoat.

The absolute minimum wet-on-wet overcoating time is 30 minutes. Longer time might be needed depending on application condition (i.e. Temperature, %RH).



Warning Notes

Do not apply paint materials to surfaces less than 3°C (5°F) above dew point, or to surfaces warmer than 41°C (105°F).
Ambient temperature should be minimum 13°C (55°F) and maximum 41°C (105°F).

The information in this Product Data Sheet is not intended to be exhaustive. Any person using the product without first making further enquiries as to the suitability of the product for the intended purpose does so at their own risk and, to the extent permitted by law, we can accept no responsibility for the performance of the product or for any loss or damage arising out of such use. The information contained in this Product Data 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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