

SURFACE AREA FORMULAS

The following formulas are to help with calculating the surface area to be painted. Once the square metre area is known divide the number of square metres by the practical coverage per litre (sq.m/Lt) of each product to determine the practical volume of paint required per coat. We also have a calculator tool within our website resources available.

TOPCOATS:

TOPSIDES

$(\text{Overall length} + \text{breadth}) \times \text{twice average freeboard} = \text{m}^2$

DECKS

$\text{Overall length} \times \text{the beam} \times 0.75 - \text{approximate area of the cabin top cockpit etc} = \text{m}^2$

MAST AND SPARS

$\text{Length} \times \text{mean circumference} = \text{m}^2$

ANTIFOULING:

BELOW THE WATERLINE

FULL DISPLACEMENT HULL TYPE

$\text{Length of waterline} \times (\text{the beam} + \text{the draught}) = \text{m}^2$

SEMI DISPLACEMENT HULL TYPE

$\text{Length of waterline} \times (\text{the beam} + \text{the draught}) \times 0.75 = \text{m}^2$

FIN KEEL BOATS

$\text{Length of waterline} \times (\text{the beam} + \text{the draught}) \times 0.5 = \text{m}^2$

BOOT-TOPPING

$\text{Overall length} \times 2 \times \text{average width} = \text{m}^2$

The volume of antifouling applied to any given surface area has a direct effect on both performance and durability of the antifouling.



See the Altex Product Guide for a list of recommended thinners available.



COVERAGE RATES

	SPRAY APPLICATION	BRUSH & ROLL APPLICATION
PRACTICAL COVERAGE		
TOPCOATS		
ELITE™ REFINE 250 Polyurethane two pack kit sizes: 1L, 4L	9m ² per litre at 50 microns DFT	7m ² per litre at 50 microns DFT
	9m ² per litre at 50 microns DFT	7m ² per litre at 50 microns DFT
ELITE™ REFINE 450 Polyurethane two pack kit sizes: 1L, 4L	9m ² per litre at 50 microns DFT	7m ² per litre at 50 microns DFT
	9m ² per litre at 50 microns DFT	7m ² per litre at 50 microns DFT
ELITE™ 321 BRUSHING Polyurethane two pack kit size: 1L	10m ² per litre at 50 microns DFT	
ELITE™ 239 SPRAYING Polyurethane two pack kit size: 5L	7.6m ² per litre at 50 microns DFT	5m ² per litre at 75 microns DFT
	5m ² per litre at 50 microns DFT	3.5m ² per litre at 75 microns DFT
ELITE™ DEFENDER Polyurethane two pack kit sizes: 2L, 8L	5m ² per litre at 50 microns DFT	3.5m ² per litre at 75 microns DFT
	9m ² per litre at 50 microns DFT	7m ² per litre at 50 microns DFT
REGATTA® Gloss Enamel single pack sizes: 500ml, 1L, 4L	9m ² per litre at 50 microns DFT	7m ² per litre at 50 microns DFT
	9m ² per litre at 50 microns DFT	7m ² per litre at 50 microns DFT
ANTIFOULING		
SEA-ZONE® 60 Antifouling can size: 4L	6.6m ² per litre at 75 microns DFT	5.1m ² per litre at 75 microns DFT
	6.2m ² per litre at 75 microns DFT	4.8m ² per litre at 75 microns DFT
No.5 Antifouling can sizes: 4L, 10L	7.7m ² per litre at 75 microns DFT	9m ² per litre at 75 microns DFT
	9m ² per litre at 75 microns DFT	7m ² per litre at 40 microns DFT
VIVID® Aluminium Safe can sizes: 500ml, 4L, 10L	7.7m ² per litre at 75 microns DFT	9m ² per litre at 75 microns DFT
	9m ² per litre at 75 microns DFT	7m ² per litre at 40 microns DFT
HYDROCOAT® Water-based can size: 3.78L	9m ² per litre at 40 microns DFT	7m ² per litre at 40 microns DFT
	9m ² per litre at 40 microns DFT	7m ² per litre at 40 microns DFT

Coverage rates above are approximate figures for a single coat with the following typical wastage rates:

Brush/roller = 10% **or** Spray = 30%

Wastage rates will vary depending on but not limited to, equipment used, application techniques, surface profile, and environment.

COLOUR MATCHING

REQUIRE A COLOUR MATCH?

Simply visit or contact your nearest Altex Paint Shop to organise a colour match.

When selecting colours, it is recommended that where possible all the coloured paint (finishes or antifouling) be obtained at the same time. Batch numbers differ from can to can, Altex Yacht & Boat Paint Ltd recommends multiple cans should be boxed (mixed) together to ensure colour continuity, it's advisable to blend in subsequent cans of paint as you progress through a particular individual area.

*WHAT DO WE MEAN BY PRINTED COLOUR RANGE?

Due to differences in technology with Paints and Printing, the colours shown are as close as possible to the actual colour.

Colours may exhibit a shade variation between products or gloss levels.

DO NOT USE THIS COLOUR CHART TO MATCH FROM. ENSURE TO USE THIS GUIDE AS AN INDICATION OF OUR COLOUR RANGE ONLY.

To enhance hiding ability and colour uniformity on some selected colours, more than one finish coat may be required, or an appropriate base colour be used.

CONTACT US

For further product information, visit our website to download the latest technical and safety data sheets:

altexboatpaint.com



Talk to an expert today

NEW ZEALAND SUPPORT

0800 429 527

support@altexboatpaint.co.nz

AUSTRALIA SUPPORT

1800 738 383

support@altexboatpaint.com.au



NEW ZEALAND & PACIFIC

COLOUR RANGE

Printed Topcoats & Antifoulings*

Brilliant Coats for Brilliant Boats

Topcoats - Printed*

All of your hard work will all seem worth while with a beautiful finish.

ELITE™ REFINE 250 | Polyurethane

Our lowest sheen level polyurethane. A durable Low Sheen finish without the need for flattening agents. Suitable for spray, brush or roller application.

ELITE™ REFINE 450 | Polyurethane

A durable Semi-Gloss finish without the need for flattening agents. Suitable for spray, brush or roller application.

Both Refine 250 and 450 are available in White & Black, other colour options on request.

ELITE™ 239 SPRAYING | Polyurethane

Recoatible, repairable, buffable acrylic polyurethane. Excellent for topsides, cabins, decks & interiors. High gloss and excellent performance.

ELITE™ DEFENDER | Professional Use Polyurethane

Professional grade spray applied product. Exceptional UV protection & an ultra durable wet look gloss.



REGATTA® | Gloss Enamel

High gloss retention, UV protection, reputable marine quality alkyd enamel. Easy to apply single pack.

Available in 15 standard colours and tintable custom colours

SNOW WHITE	OYSTER WHITE
MATTERHORN WHITE	KUMEU WHITE
OMAN BEIGE	ARCTIC GREY
ADEN BLUE	TASMAN BLUE
CAPRICORN YELLOW	RESCUE ORANGE
BENGAL RED	BANDA BURGUNDY
TONKIN BLACK	MEDITERRANEAN GREEN
PACIFIC TEAL	

ELITE™ 321 BRUSHING | Polyurethane

Polyester polyurethane. Excellent for topsides, cabins, decks & interiors. Specialised brush & roll formulation. High gloss, excellent performance & economical.

Available in 4 standard colours

PLIMSOLL WHITE	IVORY WHITE
SPINDRIFT WHITE	GALLEON GREY



Visit our website resources menu for a quick surface calculator to easily work out your required volumes.

Antifouls - Printed*

Match your boat to the most suitable antifouling to optimise performance.



No.5 | Copper Ablative

Self polishing ablative mechanism inhibits the attachment of fouling organisms. Excellent performance.

CLASSIC BLACK	AURORA RED
SEAPORT BLUE	SEA GREEN



SEA-ZONE® 60 | Antifouling

Premium self-polishing antifouling, using silyl acrylate technology that provide outstanding performance.

BLACKSTONE	FIORD BLUE	VIKING RED
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VIVID® | Antifouling

An excellent multi-season, antifouling protection under most conditions for all substrates including aluminium. Available in 6 bright, clean colours.

BLACK	BLUE
GREEN	RED
YELLOW	WHITE



HYDROCOAT® | Antifouling

Self-polishing, water-based, copper protection against marine fouling. Applies easily, water clean-up, and has no heavy solvent smell.

BLUE	BLACK
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NOTE: Printed colours approximate pre-immersion colour. In-can colour may be substantially greener than final appearance with cuprous oxide containing products. The true colour of antifoul paints can develop within 4 weeks after immersion.

