

# Basic guide to antifouling

Find out the cost, coverage and other vital information to help you choose, which paint to buy in our comprehensive listings, starting on page xxx. And to start off, Dick Everitt passes on a few tips from the trade to make the job of applying this precious paint a little easier

**L**et's be honest, painting your boat's bottom with antifouling is hardly the highlight of the sailing year. But it has to be done – and this basic guide should help make it a little easier.

Most antifouling paints work on a very simple principle – they kill, or discourage, any marine growth that tries to stick to them. Chemicals known as biocides are mixed with a binder that sticks all the components to the hull, and pigments are added to create different colours.

In the early days, copper, lime and even arsenic were used to prevent the build-up of barnacles and weed. Later on more effective and easier-to-apply paints, using metallic compounds, were invented. However studies showed that some of these compounds persisted in the water, and possibly harmed the environment. One of the most effective biocides was organotin tributyltin (TBT) – but it was banned because it caused sex changes in whelks.

## How do I choose?

Conventional antifouling paint has to be renewed each season because the biocide simply leaches out of the binder over that time. Some last longer with three coats and pure copper particle systems, stuck on with some form of resin claim to keep your bottom clean for up to 10 years – but there have been a few problems getting

money. Most of the paint makers have a technical help line or website to help you make the right choice (see the table).

Ask around your area to find out what type of antifouling seems to be working best for your type of boat. Cold fresh water from rivers flowing into harbours can upset some biocides and the run-off from

and asking for a quote from a professional to paint all your boats at the same time.

But remember, if you are heading for sunnier climes you will need a paint system with much stronger biocides – as fouling grows faster in sunlight and warm water.

Sailing cruisers and slower motorboats should be fine with softer antifouling while fast motorboats and racing yachts need a harder surface that will withstand the increased flow of water, or the occasional pre-race scrub.

Boot tops, trailersailers and boats on drying moorings will also need a harder surface to withstand knocks and being out of the water for long periods. Take care with aluminium hulls, outdrive legs and props as they need special paints that don't contain any form of copper. Also check the small print of your saildrive guarantee, as some stipulate that copper-based antifouling shouldn't be used near them.

**Antifouling paint isn't cheap so read all the technical information you can, then you won't waste your time and money.**

some of the copper/resin formulas exactly right (see PBOs 471 and 472 for a review of copper antifouling systems).

Antifouling paint isn't cheap so read all the technical information you can, then you won't waste your time and

farms can feed the fouling 'soup'.

Some clubs know what works in their area and buy in bulk to keep the costs down. And if you are feeling 'cash rich and time poor' it might be worth getting a few club members together



## How do I prepare her?

Removing all the old paint is not necessary every season because you can paint over the smooth old paint. But make sure you remove all traces of barnacles as their residue seems to attract new ones.

After several years, though, you will have to bite the bullet and remove that build-up of bottom paint. It's a horrible job and you'll have to either scrape it off by hand, or get a professional to blast it off (see PBO 456) – check with the boatyard as the run-off can be toxic. But if you keep putting it off the bottom will look like a cratered moonscape – and a rough bottom slows boats down and uses up more fuel. When you have removed all the old paint, you will have to fill and smooth the bottom and apply a barrier coat of epoxy paint, to protect the gel coat, followed by an appropriate antifouling primer. Make sure you don't lose the old waterline and don't leave normal masking tape on too long, as it can be very difficult to get off.

If the old paint is sound you could just sand it back to reduce the buildup – but you MUST only do it wet, with wet-and-dry abrasive paper. Biocides in the paint can be poisonous and you don't want to breathe in the dust. Always wear a proper mask, eye protection, gloves, and overalls since some of the biocides can also be absorbed through your skin.

If you decide to recoat with a new brand of antifouling, it must be compatible with the old one – check with the paint makers. If you don't know what the old one is, either paint a little test patch, or apply a complete barrier primer coat.

## How much paint?

Most paint makers have a formula that you can use to see how much you will need, but as a rough rule of thumb, a long-keeled sailing cruiser with an 8m (26ft) waterline needs about 4-5 litres (for two coats) and a fin keeler the same length needs about 2- 2.5 litres. But don't skimp – antifouling really needs two coats to get a decent build-up of biocides. Add an extra bit around the waterline, where the light level is higher, and also along leading and trailing edges to cope with the water flow and turbulence.



# Applying the paint

**I**t is possible to dry the boat out and repaint her bottom between tides, but it is not good for the environment, the paint makers don't recommend it and it makes a nasty job even worse – especially if you have to paint between bilge keels!

The tide seems to take ages to go out, the hull doesn't want to dry, and then you do a rush job because you need both coats to dry before the tide comes galloping back in again. Instead it's best to take your time and do a proper job in the boatyard.

Some antifouling paints need the boat back in the water within a certain time frame, so try and organize the job accordingly. If the launch date is delayed and you go over the paint's specified time out of the water, you may have to rub it down and apply another coat.

Once you have a sound base of either the old antifouling or a primer coat, you need to mask off the waterline, sacrificial anodes and anything else that doesn't need painting. I find normal cheap masking tape is fine but some people have trouble with paint wicking under it. There are more expensive plastic tapes that give a cleaner edge and claim that they can be left on longer than normal tape.

Some professionals use this plastic tape to form a sort of gutter running above the finished antifouling, so any rain drips off rather than making marks by dribbling over the paint surface.

**1** Stir the paint well, with a wide stick, and decant some into a roller tray. Then put the lid firmly back on the can to stop evaporation – and to save you losing £50 worth of paint if you accidentally kick it over!

**2** Use throwaway trays, brushes and rollers – but do check that the paint won't dissolve them. Keep some thinners handy to clean off splashes and add it to the paint if it gets too stodgy. But never try to stretch the paint by thinning too much. If you do thin the paint, be sure to use only the thinners recommended by the manufacturer. Using the wrong thinners can harm their antifouling properties.

**3** Amateurs can apply antifouling with either a brush or roller. Rollers put on fast thin coats – so you will need two coats. Brushes apply more in one go and are ideal for painting fiddly bits.

**4** Try to work at a comfortable height, and in a direction that suits you if you are right or left handed. Kneepads help, and a telescopic roller handle extension saves a lot of stretching.

**5** Generally speaking the performance of antifouling is directly proportional to its thickness,

therefore it is important that you apply the manufacture's recommended quantity.

**6** Ideally apply it in the late afternoon in calm, dry weather to avoid the risk of dampness or overnight dew.

**7** Sometimes you may need to put a plastic sheet down to protect the ground, or wet the surrounding area to prevent dust rising onto your paint surface.

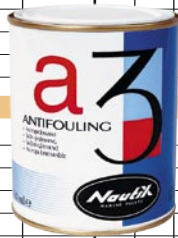
**8** If it's a cold day, keep the tin in a warm place, or stand it in a bucket of warm water to make the paint flow more easily.

**9** Apply a bit extra along the waterline, leading and trailing edges of keels and rudders and as soon as the final coat feels tacky, remove the masking tape. Pull it away from the hull and stuff it quickly into a bin bag, otherwise you can get long ribbons of wet tape blowing in the wind and making exotic patterns on your topsides.

**10** Finally, keep the receipts and make a note of the batch number on the tins, just in case there is a problem later on. Then dispose of the tins etc at the appropriate place in the yard – they should not just be thrown in the dustbin.

# WHICH ANTIFOULING

PRODUCT NAME	TYPE OF PRODUCT	ECONOMY					SEA AREAS				TYPE OF BOAT							SUITABLY PRIMED SURFACE									
		SIZE OF TIN	COST PER TIN INCL VAT	COVERAGE (SQ METRES/per tin)	NUMBER OF COATS (roller)	PROTECTION TIME (seasons)	(SEA) NORTHERN EUROPE	(FRESHWATER) NORTHERN EUROPE	MEDITERRANEAN SEA	TROPICAL SEA	TRAILER-SAILER	RIE (do not use on rubber tubes)	RACING YACHT	CRUISING YACHT	(INLAND) DISPLACEMENT POWERBOAT *	(OFFSHORE) DISPLACEMENT POWERBOAT *	PLANING POWERBOAT *	PAINTED WOOD	FERRUCEMENT	GRP	EPOXY	STEEL	ALUMINIUM	ALUMINIUM PROPS	ALUMINIUM SAIL AND OUTDRIVES	TRIM/TABS	
<b>BLAKES PAINTS</b> <a href="http://www.blakespaints.com">www.blakespaints.com</a> tel 01489 86440																											
Glide Speed	Hard	2.5l	£99.50	32.5	2	1 year	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N/A	Y	Y	Y	Y	Y	N	N	N		
Ocean Performer	Erodible	750ML	£35.90	9.75	2	1 year	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N/A	Y	Y	Y	Y	Y	N	N	N		
Ocean Performer	Erodible	2.5L	£99.50	32.5	2	1 year	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N/A	Y	Y	Y	Y	Y	N	N	N		
Tiger Xtra	antifouling	750ML	£31.95	10.13	2	1 year	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N/A	Y	Y	Y	Y	Y	N	N	N		
Tiger Xtra	antifouling	2.5L	£75.95	33.75	2	1 year	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N/A	Y	Y	Y	Y	Y	N	N	N		
Cruising Performer	Erodible	2.5L	£49.95	31.25	2	1 year	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N/A	Y	Y	Y	Y	Y	N	N	N		
Hard Racing	Hard	750ML	£35.00	10.13	2	1 year	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N/A	Y	Y	Y	Y	Y	N	N	N		
Hard Racing	Hard	2.5L	£89.50	33.75	2	1 year	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N/A	Y	Y	Y	Y	Y	N	N	N		
Broads	antifouling	750ML	£18.00	9.6	2	1 year	N	Y	N	N	N	N	N	N	Y	N	N/A	Y	Y	Y	Y	Y	N	N	N		
Broads	antifouling	2.5L	£46.45	32	2	1 year	N	Y	N	N	N	N	N	N	Y	N	N/A	Y	Y	Y	Y	Y	N	N	N		
Waterline	antifouling	375ML	£16.95	5.18	2	1 year	N	N	N	N	N	N	N	N	N	N	N/A	Y	Y	Y	Y	Y	Y	Y	Y		
Mille Drive	protective coating	500ML	£14.95	n/a	n/a	1 year	N	N	N	N	N	N	N	N	N	N	N/A	Y	Y	Y	Y	Y	Y	Y	Y		
Underwater Primer	primer	750ML	£13.70	6	n/a	n/a	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N/A	N	Y	Y	Y	Y	Y	Y	Y		
Underwater Primer	primer	2.5L	£38.30	20	n/a	n/a	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N/A	N	Y	Y	Y	Y	Y	Y	Y		
Epoxy Primer Undercoat	primer	375ML	£14.50	3.19	n/a	n/a	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N/A	Y	Y	Y	Y	Y	Y	Y	Y		
Epoxy Primer Undercoat	primer	750ML	£26.25	6.3	n/a	n/a	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N/A	Y	Y	Y	Y	Y	Y	Y	Y		
Epoxy Primer Undercoat	primer	2.5L	£66.25	21.25	n/a	n/a	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N/A	Y	Y	Y	Y	Y	Y	Y	Y		
Thinner No 3	thinners	750ML	£7.50	n/a	n/a	n/a	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N/A	Y	Y	Y	Y	Y	Y	Y	Y		
Thinner No 3	thinners	2.5L	£42.00	n/a	n/a	n/a	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N/A	Y	Y	Y	Y	Y	Y	Y	Y		
<b>AWLGRIP, EPIFANES, NAUTIX</b> <a href="http://www.marineaware.com">www.marineaware.com</a> tel 02380 330208																											
<b>one-pot primer</b>																											
Nautix P1	Adhesion	750ml	£15.31	9.75	1		y	y	y	y	y	y	y	y	y	y	y	y	y						y		
Nautix P1	Adhesion	2.5L	£42.71	32.5	1		y	y	y	y	y	y	y	y	y	y	y	y	y						y		
Nautix P1	Adhesion	20L	£163.07	260	1		y	y	y	y	y	y	y	y	y	y	y	y	y						y		
Nautix PO	Osmosis Protection	750ml	£27.89	12	4		y	y	y	y	y	y	y	y	y	y		y	y	y							
Nautix PO	Osmosis Protection	3L	£94.32	48	4		y	y	y	y	y	y	y	y	y	y		y	y	y							
Nautix IA	Anticorrosion	750ml	£19.95	12	1-2		y	y	y	y										y		y		y			
Nautix PA	Anticorrosion	750ml	£24.64	10.5	2		y	y	y	y										y							
Nautix PA	Anticorrosion	3L	£94.03	42	2		y	y	y	y										y							
Epifanes Underwater	bituminous	750ml	£20.28	10	2		y	y	y	y	y			y	y		y			y	y						
Epifanes Underwater	bituminous	2L	£51.82	26.66	2		y	y	y	y	y			y	y		y			y	y						
<b>Epifanes two-pot primers</b>																											
Nautix PE	Epoxy primer	750ml	£18.88	9	3-5		y	y	y	y	y	y	y	y	y	y	y	y	y	y	y				y		
Nautix PE	Epoxy primer	4L	£64.82	48	3-5		y	y	y	y	y	y	y	y	y	y	y	y	y	y	y				y		
Awlgrip Hullgard	Epoxy primer	1 US Gal	£129.71	14.7	1-3		y	y	y	y	y	y	y	y	y	y		y	y	y	y						
Awlgrip Hullgard	adhesion & water barrier	1 US Gal	£369.15	58.8	1-3		y	y	y	y	y	y	y	y	y	y		y	y	y	y						
Epifanes Interim	primer/interim	750ml	£28.51	8	2		y	y	y	y										y							
Epifanes Epoxy	anti-corrosive	750ml	£22.23	9			y	y	y	y										y	y	y	y				
Epifanes Epoxy	anti-corrosive	2L	£52.30	24			y	y	y	y										y	y	y	y				
Epifanes Epoxy	anti-corrosive	4L	£88.91	48			y	y	y	y										y	y	y	y				
<b>Self polishing antifoul</b>																											
Nautix A3	copper based	750ml	£29.83	6.375	2	1yr	y	y	y	y	y		n	y	y		y		y	y	y						
Nautix A3	copper based	2.5L	£90.22	21.25	2	1yr	y	y	y	y	y		n	y	y		y		y	y	y						
Awlgrip Gold Label	copper based	1 US Gal	£148.05	45.42	2	1-4Yrs	y	y	y	y	y		n	y	y	y	y	y	y	y	y						
Awlgrip Aluminium Label	tin free	1 US Gal	£183.30	44.663	2	1-4Yrs	y	y	y	y	y		n	y	y	y	y	y	y	y	y	y	y	y			
Epifanes Foul Away	Copper and Tin free	750ml	£29.27	8	3	1-3Yrs	n	y	n	n	n	n	n	n	y		y		y	y	y	y					
Werdol Copper-free	Copper free	2L	£45.00	20	2		n	y	n	n	n	n	n	n	y		y		y	y	y	y					
<b>Hard and bituminous antifouling</b>																											
Nautix A4 T Speed	Hard Matrix	750ml	£36.08	9.375	2	1-2yr	y	y	y	y	y	y	y	y	y	y	y	y	y	y							
Nautix A4 T Speed	Hard Matrix	2.5L	£108.05	31.25	2	1-2yr	y	y	y	y	y	y	y	y	y	y	y	y	y	y							
Nautix White T Speed	PTFE based	750ml	£52.75	9	2	None	y	y	y	y	y	y	y	y	y	y				y							
Nautix White T Speed	PTFE based	2L	£78.27	24	2	None	y	y	y	y	y	y	y	y	y	y				y							
Epifanes Black Bottom	Flexible Bitumen coating	10L	£89.53	100	2	1-2yr	y	y	y	y	n	n	n		y		y										
<b>Antifoul and underwater thinner</b>																											
Nautix DA	Antifoul thinner	750ml	£6.30																								
Nautix DA	Antifoul thinner	3L	£15.39																								
Awlgrip T0101	Antifoul thinner	1 US Qrt	£12.93																								
Awlgrip T0101	Antifoul thinner	1 US Gal	£41.13																								
Epifanes D100	Underwater thinner	1L	£14.30																								
<b>Epoxy primer and 2-pot paint thinner</b>																											
Awlgrip T0006	Epoxy primer thinner	1 US Qrt	£14.10																								
Awlgrip T0006	Epoxy primer thinner	1 US G	£43.48																								
Epifanes D601	Epoxy primer thinner	500ml	£10.53																								
Epifanes D601	Epoxy primer thinner	1L	£14.82																								
Nautix DP	Primer and 2 pot Thinner	750ml	£8.39																								
Nautix DP	Primer and 2 pot Thinner	3L	£23.79																								



PRODUCT NAME	TYPE OF PRODUCT	ECONOMY				SEA AREAS				TYPE OF BOAT						SUITABLY PRIMED SURFACE											
		SIZE OF TIN	COST PER TIN INCL VAT	COVERAGE (SQ METRES/per tin)	NUMBER OF COATS (Roller)	PROTECTION TIME (seasons)	(SEA) NORTHERN EUROPE	(FRESHWATER) NORTHERN EUROPE	MEDITERRANEAN SEA	TROPICAL SEA	TRAILER-SAILER	RIB (do not use on rubber tubes)	RACING YACHT	CRUISING YACHT	(INLAND) DISPLACEMENT POWERBOAT *	(OFFSHORE) DISPLACEMENT POWERBOAT *	PLANING POWERBOAT *	PAINTED WOOD	FERROCEMENT	GRP	EPOXY	STEEL	ALUMINIUM	ALUMINIUM PROPS	ALUMINIUM SAIL AND OUTDRIVES	TRIM TABS	
<b>FLAG</b> <a href="http://www.flagfinishes.co.uk">www.flagfinishes.co.uk</a> tel 01621 785173																											
FLAG CopperQuick	Semi-hard	1L	£34.95	12	2	2*	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	
FLAG CopperQuick	Semi-hard	2.5L	£74.95	12	2	2*	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	
FLAG Performance Extra	Semi-hard	450ml	£19.95	10	2	1 year	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	
FLAG Performance Extra	Semi-hard	2.5L	£69.95	10	2	1 year	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	
FLAG Performance Extra	Self eroding	2.5L	£59.95	10	2	1 year	Y	Y	N	N	Y	N	N	Y	Y	Y	N	Y	Y	Y	Y	Y	N	N	N	N	
FLAG Cruising Extra	Self eroding	2.5L	£36.95	10	2	1 year	Y	Y	N	N	Y	N	N	Y	Y	Y	N	Y	Y	Y	Y	Y	N	N	N	N	
FLAG Cruising	Self eroding	2.5L	£29.95	10	2	1 year	Y	Y	N	N	Y	N	N	Y	Y	N	Y	Y	Y	Y	Y	Y	N	N	N	N	
FLAG Antifouling Primer		2.5L	£29.95	10	1 or 2		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
FLAG Thinners		1L	£9.95																								
<b>INTERNATIONAL</b> <a href="http://www.yachtpaint.com">www.yachtpaint.com</a> tel 023 8022 6722																											
Micron Optima	Eroding AF	2lt	£72.34-£85.11*	8.3	2-3	1 year	Y	N	Y	Y	N	N	Y	Y	N	Y	N	Y	Y	Y	Y	N	N	N	N	N	
Micron Extra	Eroding AF	750ml	£26.04-£30.64	10	2-3	1 year	Y	N	Y	Y	N	Y	Y	Y	N	Y	N	Y	Y	Y	Y	N	N	N	N	N	
Micron Extra	Eroding AF	2.5lt	£73.34-£86.11		2-3		Y	N	Y	Y	N	Y	Y	Y	N	Y	N	Y	Y	Y	Y	N	N	N	N	N	
Cruiser Uno	Eroding AF	750ml	£18.99-£22.34	8.5	1-2	1 year	Y	Y	N	N	N	N	Y	Y	N	Y	N	Y	Y	Y	Y	N	N	N	N	N	
Cruiser Uno	Eroding AF	3.0lt	£54.62-£64.26		1-2		Y	Y	N	N	N	N	Y	Y	N	Y	N	Y	Y	Y	Y	N	N	N	N	N	
Bottomcoat	Eroding AF	2.5lt	£36.17-£42.55	9	2-3	1 year	Y	Y	N	N	N	N	Y	Y	N	Y	N	Y	Y	Y	Y	Y	N	N	N	N	
Nautical	Eroding AF	2.5lt	£29.30-£34.47	8.5	2-3	1 year	Y	Y	N	N	Y	N	N	Y	N	N	N	Y	Y	Y	Y	Y	N	N	N	N	
Trilux	Hard AF	375ml	£13.93-£16.38	10.5	2-3	1 year	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Trilux	Hard AF	750ml	£26.95-£31.70		2-3		Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Trilux	Hard AF	2.5lt	£74.15-£87.23		2-3		Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Interspeed Ultra	Hard AF	750ml	£27.31-£32.13	9.4	2-3	1 year	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	
Interspeed Ultra	Hard AF	2.5lt	£75.23-£88.51		2-3	1 year	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	
Waterways Plus	Hard AF	2.5lt	£35.45-£41.70	8.5	2-3	1 year	N	Y	N	N	Y	Y	N	N	Y	N	N	Y	Y	Y	Y	N	N	N	N	N	
VC Offshore with Teflon	Hard AF - Thin Film	750ml	£32.42-£38.14	10.8	2-3	1 year	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	
VC Offshore with Teflon	Hard AF - Thin Film	2lt	£75.39-£88.70		2-3	1 year	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	
VC17M Extra	Hard AF - Thin Film	750ml	£32.42-£38.14	11	2-3	1 year	Y	Y	N	N	Y	Y	Y	Y	N	Y	N	Y	Y	Y	Y	Y	N	N	N	N	
VC17M Extra	Hard AF - Thin Film	2lt	£75.39-£88.70		2-3		Y	Y	N	N	Y	Y	Y	N	Y	N	N	Y	Y	Y	Y	N	N	N	N	N	
Trilux Prop-O-Drev	Hard AF	500ml	£16.80-£19.76	N/A	2-3	1 year	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y					Y	Y	Y	Y	Y	
<b>2-part epoxy primers</b>																											
Gelshield 200	Blister Protection	750ml	£0 - £0	8.1	5	N/A																N	Y	N	N	N	N
Gelshield 200	Blister Protection	2.5lt	£0 - £0		5																						
Gelshield 200	General Priming	750ml	£0 - £0		2	N/A																					
Gelshield 200	General Priming	2.5lt	£0 - £0		2																						
Interprotect	High Performance	750ml	£18.81-£22.13	8.1	1-5																	Y	N	Y	Y	Y	Y
Interprotect	High Performance	2.5lt	£54.26-£63.83		1-5																						
Primocon	Single-Pack Primer	750ml	£11.57-£13.62	7.4	1-5	N/A																Y	Y	Y	Y	Y	
Primocon	Single-Pack Primer	2.5lt	£31.83-£37.45		1-5																						
Trilux Prop-O-Drev	Single-Pack Primer	300ml	£10.94-£12.87	N/A	2-3	N/A																					
Thinners No. 3**		500ml	£4.30-£5.06	N/A	N/A	N/A																					
Thinners No. 4**		1lt	£7.03-£8.27	N/A	N/A	N/A																					
VC Thinners \$		1lt	£8.98-£10.57	N/A	N/A	N/A																					
**For use with all AF except Micron Optima and VC Offshore & VC 17M Extra \$ For use with VC Offshore & VC 17M Extra * international only have a min and max price range																											
<b>MARCLEAR</b> <a href="http://www.marclear.com">www.marclear.com</a> tel 0034 971 137781																											
HIGH STRENGTH	SELF POLISHING	2.5L	£87	25	2	1 YEAR	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y
PRIMER	VINYL PRIMER	2.5L	£39	25			Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y
ANTIFOUL THINNERS		1L	£8																								
U45 FULL STRENGTH	SELF POLISHING	2.5L	£43	25	2	1 YEAR	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y
EU45 PRIMER	VINYL PRIMER	2.5L	£25	25			Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y
ANTIFOUL THINNERS		1L	£7																								
<b>PLASTIMO/XM</b> <a href="http://www.xm-yachting.co.uk">www.xm-yachting.co.uk</a> tel 0870 751 4666																											
CX2000	antifouling	3L	£46.14	30	2	1 year	y	n	n	n	n	n	y	y	n	n	n	y	y	y	y	y	n	n	n	n	n
HX3000	antifouling	3L	£63.45	30	2	1 year	y	n	n	n	n	n	y	y	n	n	n	y	y	y	y	y	n	n	n	n	n
PX4000	antifouling	3L	£71.76	30	2	1 year	y	n	n	n	y	y	y	y	n	y	y	y	y	y	y	y	n	n	n	n	n
Primer		2.5L	£32.78	25	1		y	n	n	n	y	y	y	y	n	y	y	y	y	y	y	y	n	n	n	n	n
Classic	antifouling	5	£79.95	50	2	1 year	y	n	y	n	y	y	y	n	y	y	y	y	y	y	y	y	n	n	n	n	n
Performance	antifouling	5	£125.00	44	2	1 year	y	n	y	n	y	y	y	n	y	y	y	y	y	y	y	y	n	n	n	n	n
Classic	antifouling	2.5	£42.50	25	2	1 year	y	n	y	n	y	y	y	n	y	y	y	y	y	y	y	y	n	n	n	n	n
Performance	antifouling	2.5	£64.95	22	2	1 year	y	n	y	n	y	y	y	n	y	y	y	y	y	y	y	y	n	n	n	n	n
Racing	antifouling	2.5	£66.95	28	2	1 year	y	n	y	n	y	y	y	n	y	y	y	y	y	y	y	y	n	n	n	n	n
Classic	antifouling	0.75	£13.25	7.5	2	1 year	y	n	y	n	y	y	y	n	y	y	y	y	y	y	y	y	n	n	n	n	n
Performance	antifouling	0.75	£19.95	6.6	2	1 year	y	n	y	n	y	y	y	n	y	y	y	y	y	y	y	y	n	n	n	n	n
Racing	antifouling	0.75	£21.50	8.4	2	1 year	y	n	y	n	y	y	y	n	y	y	y	y	y	y	y	y	n	n	n	n	n



# WHICH ANTIFOULING

PRODUCT NAME	TYPE OF PRODUCT	ECONOMY					SEA AREAS				TYPE OF BOAT						SUITABLY PRIMED SURFACE										
		SIZE OF TIN	COST PER TIN INCL VAT	COVERAGE (SQ METRES/per tin)	NUMBER OF COATS (roller)	PROTECTION TIME (seasons)	(SEA) NORTHERN EUROPE	(FRESHWATER) NORTHERN EUROPE	MEDITERRANEAN SEA	TROPICAL SEA	TRAILER-SAILER	RIB (do not use on rubber tubes)	RACING YACHT	CRUISING YACHT	(INLAND) DISPLACEMENT POWERBOAT *	(OFFSHORE) DISPLACEMENT POWERBOAT *	PLANING POWERBOAT *	PAINTED WOOD	FERRUCEMENT	GRP	EPOXY	STEEL	ALUMINIUM	ALUMINIUM PROPS	ALUMINIUM SAIL AND OUTDRIVES	TRIM TABS	
<b>SEAJET</b> <a href="http://www.seajetpaint.com">www.seajetpaint.com</a> tel 01629 406822																											
039 Platinum	self-polishing	4.0L	£191.76	40	3	2 year	y	y	y	y	n	y	y	y	y	y	n	y	y	y	y	y	n	n	n	n	y
034 Emperor	self-polishing	2.5L	£83.55	27.5	2	1 year	y	y	y	n	n	y	y	y	y	y	n	y	y	y	y	y	y	y	y	y	
033 Shogun	self-polishing	2.5L	£69	22.5	2	1 year	y	y	y	n	n	y	y	y	y	y	n	y	y	y	y	y	n	n	n	y	
036 Shogun Eco	self-polishing	2.5L	£54.29	22.5	2	1 year	y	y	n	n	n	n	y	y	y	y	n	y	y	y	y	y	y	y	y	y	
037 Coastal	Hard	2.5L	£39.99	27.5	2	1 year	y	y	n	n	y	y	y	y	y	y	y	y	y	y	y	y	n	n	n	y	
Pellerclean	Foul Release	box set	£39.99		2	1 year	y	y	y	n	y	n	y	y	y	y	n	n/a	n/a	n/a	n/a	y	y	y	y	y	
<b>Seajet Primers</b>																											
Seajet 011 – One Component / underwater		2.5L	£39.05	20																							
Seajet 117 – Two Component / Multipurpose		2.5L	£45.94	21.5																							
Seajet 118 – Two Component / High-build Epoxy		2.5L	£48.91	25																							
Seajet propeller primer – or props & stern gear etc		250ml	£10.7	1																							
<b>Seajet Thinners</b>																											
Thinner A – For antifouling & 011 Primer		1L	£8.59																								
Thinner E – For Seajet epoxy primers		1L	£9.05																								
750ml tins available for some products - please enquire																											
<b>TEAMAC</b> <a href="http://www.teamac.co.uk">www.teamac.co.uk</a> tel 01482 320194																											
Ultra	Hard	750ml	£35.00	10	2	1 year	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N
Ultra	Hard	1L	£55.00	15	2	1 year																					
Ultra	Hard	1.5L	£70.00	20	2	1 year																					
Ultra	Hard	2.5L	£85.00	35	2	1 year																					
Teamac 'D' TYPE	Ablative	1L	£23.52	10	1-2	12-24*	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	N	Y	Y	Y	Y	N	N	N	N	N	
Teamac 'D' TYPE	Ablative	2.5L	£54.30	25	1-2	12-24*	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	N	Y	Y	Y	Y	N	N	N	N	N	
Teamac 'D' TYPE	Ablative	5L	£106.44	50	1-2	12-24*	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	N	Y	Y	Y	Y	N	N	N	N	N	
Teamac Killla	Conventional	1L	£21.12	10	1-2	1 year	Y	Y	Y	Y	Y	N	N	Y	Y	Y	N	Y	Y	Y	N	Y	N	N	N	N	
Teamac Killla	Conventional	2.5L	£51.43	25	1-2	1 year	Y	Y	Y	Y	Y	N	N	Y	Y	Y	N	Y	Y	Y	N	Y	N	N	N	N	
Teamac Killla	Conventional	5L	£99.42	50	1-2	1 year	Y	Y	Y	Y	Y	N	N	Y	Y	Y	N	Y	Y	Y	N	Y	N	N	N	N	



Some of the SeaJet range

PRODUCT NAME	TYPE OF PRODUCT	ECONOMY					SEA AREAS				TYPE OF BOAT						SUITABLY PRIMED SURFACE										
		SIZE OF TIN	COST PER TIN INCL VAT	COVERAGE (SQ METRES/per tin) at minimum film thickness	COVERAGE (SQ METRES/per tin) at maximum film thickness	PROTECTION TIME (seasons)	(SEA) NORTHERN EUROPE	(FRESHWATER) NORTHERN EUROPE	MEDITERRANEAN SEA	TROPICAL SEA	TRAILER-SAILER	RIB (do not use on rubber tubes)	RACING YACHT	CRUISING YACHT	(INLAND) DISPLACEMENT POWERBOAT *	(OFFSHORE) DISPLACEMENT POWERBOAT *	PLANING POWERBOAT *	PAINTED WOOD	FERRUCEMENT	GRP	EPOXY	STEEL	ALUMINIUM	ALUMINIUM PROPS	ALUMINIUM SAIL AND OUTDRIVES	TRIM TABS	
<b>JOTUN</b> <a href="http://www.jotun.co.uk">www.jotun.co.uk</a> tel 0207 481 2741																											
SeaAlu	antifouling	5L	min£/lt 30 max £40**	6.4m²/ltr	3.2m²/ltr	?	Y	N	Y	Y								N	N	N	N	Y	Y	Y	Y	*	
SeaQuantum Classic	antifouling	20L	min£/lt 22 max £33	7m²/ltr	3.5m²/ltr	?	Y	N	Y	Y								Y	Y	Y	Y	N	N	N	N	*	
SeaQuantum Plus	antifouling	20L	min£/lt 25 max £38.5	7m²/ltr	3.5m²/ltr	?	Y	N	Y	Y								Y	Y	Y	Y	N	N	N	N	*	
SeaQuantum Ultra	antifouling	20L	min£/lt 28 max £44	7m²/ltr	3.5m²/ltr	?	Y	N	Y	Y								Y	Y	Y	Y	N	N	N	N	*	
SeaForce 30	antifouling	5L	min£/lt 7 max £14	7.7m²/ltr	3.8m²/ltr	?	Y	N	Y	Y								Y	Y	Y	Y	N	N	N	N	*	
SeaForce 60	antifouling	20L	min£/lt 9.3 max £17	7.7m²/ltr	3.8m²/ltr	?	Y	N	Y	Y								Y	Y	Y	Y	N	N	N	N	*	
SeaOmega	antifouling	20L	min£/lt 11.5 max £16.5	7m²/ltr	3.5m²/ltr	?	Y	N	N	N								Y	Y	Y	Y	N	N	N	N	*	
<b>Primers</b>																											
Vinyguard Silvergrey 88	primer/tie coat	5L	min£/lt 4 max £6	4.8m²/ltr			Y	Y	Y	Y								Y	N	Y	Y	N	N	N	N		
Jotamastic 87	primer	4.7L	min£/lt 8 max £13	5.8m²/ltr			Y	Y	Y	Y								N	N	Y	Y	N	N	N	N		
Penguard HB	primer	5L	min£/lt 5.5 max £8	5.4m²/ltr			Y	Y	Y	Y								N	Y	Y	Y	Y	Y	Y	Y		
<b>Thinners</b>																											
Thinner No 2	thinner	5L		n/a																							
Thinner No 7	thinner	5L		n/a																							
Thinner No 10	thinner	5L		n/a																							
Tinner No 17	thinner	5L		n/a																							

\*\*Jotun only have a min and max price range