Interlux

Boat Paint Guide



Canadian Edition

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interlux.com

AkzoNobel

That Feeling...

...where the breeze is perfect, the water magnificent, you soar over the waves and everything is just right. That sense of freedom and relaxation on being on the water, along with the sense of pride and confidence in choosing the best products to protect and enhance your boat.

Like you, we share that love of boating too, it's the foundation of our research, which is why Interlux has the full range of coatings that inspire the confidence and reassurance you need to get out there and enjoy that feeling every time you set out on the water

Ask the experts

At Interlux®, we recognise the importance of providing high-quality technical support and advice to all our customers. Whether you're a novice or a more experienced DIY'er, you're sure to have a question for us – and we'd love to help – here's how you can reach us...

interlux.com

interluxtechnicalservice@akzonobel.com

+44 (0) 1489 77 50 50

Product Data Sheets

Material Safety Data Sheets

Product Labels

Got a question? We've got experts who've got the answer!

Interlux® and the environment

We have products and systems designed to help you reduce your boating environmental footprint. Call us or visit **interlux.com** for more information.

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Fouling control

Product guide

Use this guide to our antifouling products to help you choose the perfect product for your project.





	Polishing	Ablative
	Micron CSC - CA	**Bottomkote - CA**
Key attributes	• Polishes to minimize paint build up • Compatible over most antifoulings • Suitable for power and sail, in all waters	• Premium ablative protection • Use on power and sail boats in all waters
Thinners	216	216
Performance	Multi-Season	Single Season
Practical coverage (ft^2/gallon)	454	454
Number of coats	2	2
Substrates*	FRP / W / S / L / GS	FRP / W / S / L / GS
Low temperature application	No	No
Application method	Brush / Roller	Brush / Roller

*For application on Aluminum hulls, please contact your local Interlux Technical Representative for advice.

**While stocks last.

FRP Fiberglass W Wood S Steel L Lead GS Galvanised Steel

For comprehensive application and system information, always read the technical data sheet before you start.





Additional High Performance Products	Non-Antifouling
VC Offshore	**VC Performance Epoxy**
• For racing, sailing and power boats • Suitable for salt and freshwater • Fluoro microadditive provides a low friction surface for a high performance finish • Hard, smooth finish can be burnished to a very low profile	• Two-part epoxy designed for use on the underwater surfaces of boats that do not require antifouling paint such as high performance, rack-stored or trailered boats • Hard, semi-gloss, white finish is ideal for wet sanding and burnishing
216	Reducing Solvent 2316N
Multi-Season	Multi-Season
270	180
3	3 minimum
FRP / W / S / L / GS	FRP / W / S / L / GS
No	No
Brush / Roller	Brush / Roller

What do I do if I want to change the type of antifouling paint I am using?

Scan the QR code to learn more.

Is my new antifouling compatible?

Once you've identified the Interlux antifouling that's most suitable, if you have an existing coating on your hull you will need to establish the compatibility of the two products. Use this simple table to check compatibility between Interlux® antifoulings and also with competitor products.

New Antifouling	Old Antifouling: Micron CSC, Micron CSC - CA, Bottomkote CA, Trilux II, Ultima	Fiberglass Bottomkote ACT Horizons, Aquaguard Bottom Paint	Fiberglass Bottomkote, Epoxycop	Unepoxy HRT, Premium HRT, Odyssey HD, Ultima, Horizons	Bottomkote, Bottomkote XXX	VC Offshore, Baltoplate or Vinyl Antifouling Paints	VC17m
Micron CSC - CA	●	●	●	●	●	●	●
Bottomkote - CA	●	●	●	●	●	●	●
VC Offshore	●	●	●	●	●	●	●

Micron®, Bottomkote®, Trilux®, VC®, and Aquaguard® are trademarks owned by AkzoNobel.
Odyssey®, Unepoxy®, and Ultima® are trademarks owned by Modern Recreational Technologies.

● Remove all paint ● Lightly sand & apply

Applying your desired Interlux antifouling has never been easier. Compatibility is always an issue boaters must worry about, but there are 3 easy steps to solve this problem:

1. Check for compatibility with old antifouling. If you know what antifouling is currently on your boat, you can quickly determine whether your Interlux paint choice is compatible.
2. Use Primocon YPA984 as a tie-coat primer. If you do not know what the old antifouling is on your boat, it is still easy. Apply our Primocon YPA984 primer directly to the old antifouling. Then simply overcoat with the Interlux antifouling of your choice. (Not compatible with VC Offshore, or VC17m)
3. Remove old antifouling. If you would prefer to remove the old antifouling, use a non methaline chloride based paint stripper. Paint stripper can remove several coats of paint in one application. After stripping, you are ready to prime and paint your newly cleaned hull.

Important: Now that you've stripped your hull, it is important to inspect for any gelcoat damage before repainting. Also, consider applying the InterProtect® System to give your hull a barrier coat to protect from gelcoat blistering.

How much antifouling paint do I need?

Determining how much antifouling you will need is fairly simple. Here are two quick guides to help you purchase the correct amount:

1. Calculate the area needing paint. For a rough estimate of the area to be painted, multiply the length of your hull (LOA) by the beam and multiply by 0.85 (LOA x B x 0.85 = Area). Then divide the area by the coverage of the paint you've chosen to determine how many quarts per coat you will need, or
2. Refer to the reference chart below for a quick estimate of how much antifouling paint is required for two coats:





	Power					Sail				
Waterline length (feet)	**20**	**25**	**30**	**35**	**40**	**20**	**25**	**30**	**35**	**40**
Standard range*	4.0	5.0	7.0	9.5	12.0	3.0	4.0	5.5	7.0	9.5

* Quarts

LOA Length Overall LWL Length Waterline B Beam D Draft F Freeboard

Top Tips

- Apply an extra coat to all leading and trailing edges, water-line, trim-tabs, outdrives, keel and rudder. High turbulence in these areas tends to wear the antifouling faster.
- Always use the specified amount of antifouling. Under-application can result in premature fouling and costly mid-season haul out.

For more information see the Antifouling product guide on Page 4.

Below water systems:
Two-part products

These systems provide the maximum level of protection against corrosion and osmosis.

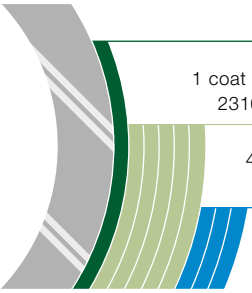
Fiberglass (Barrier protection)



InterProtect 2000E
4-5 coats

Interlux® Antifouling
2-3 coats

Aluminum*



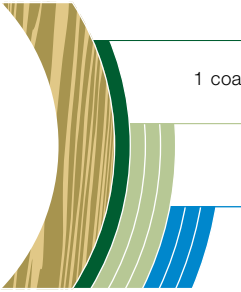
InterProtect 2000E
1 coat thinned 15-20% with 2316N Reducing Solvent

InterProtect 2000E
4-5 coats (10mil DFT)

Interlux® Antifouling
2-3 coats

*For application on aluminum hulls, please contact your local Interlux Technical Representative for advice.

Wood

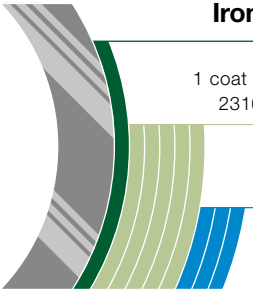


InterProtect 2000E
1 coat thinned 10-15% with Special Thinner 216

InterProtect 2000E
3 coats

Interlux® Antifouling
2-3 coats

Iron / Steel / Lead



InterProtect 2000E
1 coat thinned 15-20% with 2316N Reducing Solvent

InterProtect 2000E
4-5 coats

Interlux® Antifouling
2-3 coats

- Surface Primer
- Primer
- Antifouling

Filler



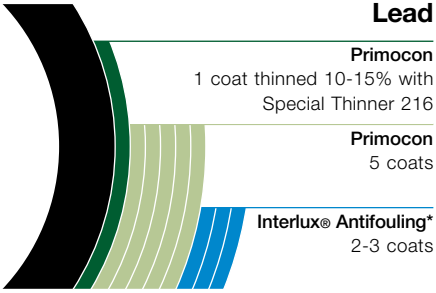
If required for small areas, Watertite Filler should be applied after the first coat of InterProtect.

Important: If you own an aluminum boat, only apply antifouling paints specifically recommended for aluminum to prevent corrosion.

For use of fouling control products containing copper oxide on aluminium – contact your local representative for more information.

One-part products

These systems provide a good level of protection.

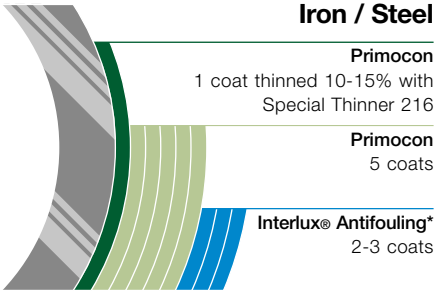


Lead

Primocon
1 coat thinned 10-15% with Special Thinner 216

Primocon
5 coats

Interlux® Antifouling*
2-3 coats

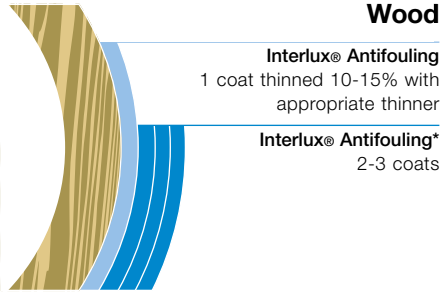


Iron / Steel

Primocon
1 coat thinned 10-15% with Special Thinner 216

Primocon
5 coats

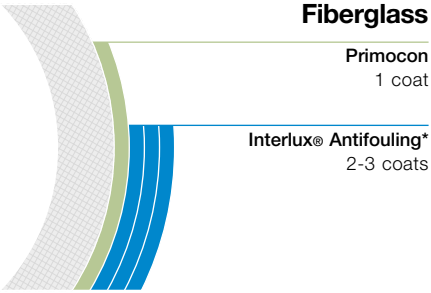
Interlux® Antifouling*
2-3 coats



Wood

Interlux® Antifouling
1 coat thinned 10-15% with appropriate thinner

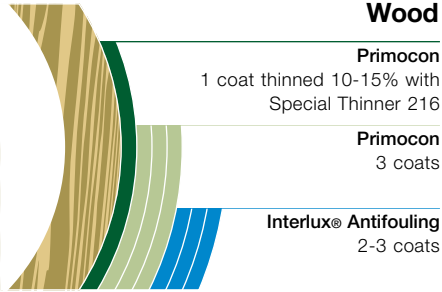
Interlux® Antifouling*
2-3 coats



Fiberglass

Primocon
1 coat

Interlux® Antifouling*
2-3 coats



Wood

Primocon
1 coat thinned 10-15% with Special Thinner 216

Primocon
3 coats

Interlux® Antifouling
2-3 coats

While antifouling can be applied direct to wooden substrates, it is always recommended to use a suitable primer for optimum protection.

- Surface Primer
- Primer
- Antifouling

For technical service, please ask the experts!

We will help you throughout your project, with tips on preparation, application and maintenance. Please feel free to contact us, via one of the following methods:

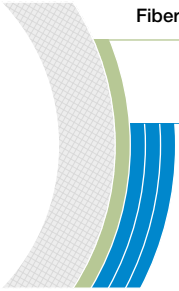
1 800 468-7589

interluxtechnicalservice@akzonobel.com

interlux.com

Ultimate no sand systems

Fiberglass



Fiberglass Surface Prep YMA601V

InterProtect 2000E
1 coat

Interlux® Antifouling*
2-3 coats

*Excluding VC17m, VC Offshore, or VC Performance Epoxy

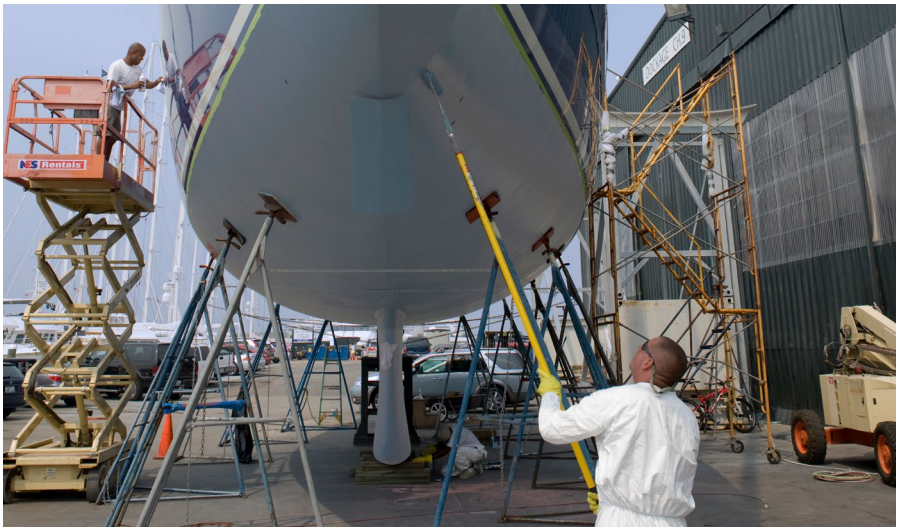
This system will not provide blister protection.

See **osmosis protection systems** on Page 25.

Fiberglass Surface Prep YMA601V



- Water-based fiberglass surface preparation to be used in no sand systems
- Removes contamination, mold release agents, wax and amine blush
- Can be used to clean previously painted surfaces before repainting topside finishes and below the waterline
- Ideal for preparing inflatable boats for antifouling

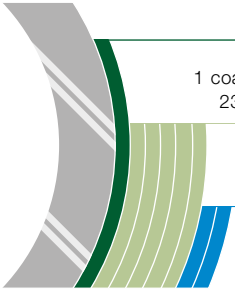


Primer
Antifouling

Propellers, outdrives and running gear

Outdrives are built out of aluminium. Care must be taken to ensure that the proper amount of recommend primer and the proper antifouling is used. We recommend that you consult your owners manual on your outdrive and underwater metal parts prior to applying this system. Propellers are typically made with aluminium, bronze or stainless steel.

Aluminum



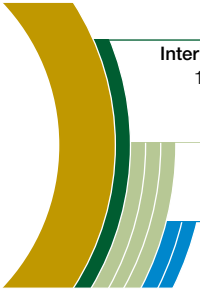
InterProtect 2000E
1 coat thinned 15-20% with 2316N Reducing Solvent

InterProtect 2000E
5 coats (10mil DFT)

Interlux® Antifouling
2-3 coats

*For application on aluminum, please contact your local Interlux Technical Representative for advice.

Bronze

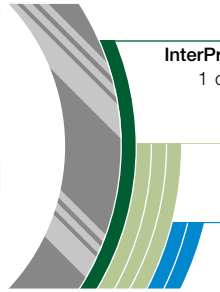


InterProtect 2000E or Primocon
1 coat thinned 10-15% with 2316N Reducing Solvent

InterProtect 2000E, or **Primocon**
2-3 coats

Interlux® Antifouling
2 coats

Stainless Steel



InterProtect 2000E or Primocon
1 coat thinned 10-15% with 2316N Reducing Solvent

InterProtect 2000E or **Primocon**
2-3 coats

Interlux® Antifouling
2-3 coats



- Surface Primer
- Primer
- Antifouling

Topsides

Product guide

Use this guide to our topside products to help you choose the perfect product for your project.



	Toplac Plus
Key attributes	• A new silicone alkyd premium gloss topcoat for all substrates above the waterline • It is easy to apply by roller without the need for tipping off with a brush when thinned by 10% with 2333N Reducing Solvent • Toplac Plus comes in a range of bright colours and contains UV filters for increased durability • Use Pre-Kote Plus followed by Toplac Plus to deliver the best in class topcoat system
Thinners	2333N Brush / Roller 216 Spray
Practical coverage (ft²/gallon)	587
Number of coats	2-3
Substrates	FRP / W / S / A
Application method	Brush / Roller / Spray
Recommended undercoat	Pre-Kote Plus or Epoxy Primekote®**
For a satin finish add	Flattening Agent YZM715
For a no-skid finish add	Intergrip No Skid Compound 2398C

**Clear Epoxy only and needs to be fully cured before topcoat application

FRP Fiberglass W Wood S Steel A Aluminum





Interdeck	Bilgekote
• Slip resistant polyurethane deck paint • Contains fine mineral additive for hard wearing, non-slip surface • Suitable for all substrates • Low sheen finish prevents sunlight glare • Apply straight from the can with brush or roller	• Hard wearing coating for bilges and bulkheads • Chemical resistance to fumes, fuel and oil • High opacity for thorough coverage • Cleans easily for reduced upkeep
333 Brush / Roller	333 Brush / Roller 216 Spray
411	405
1-2	1-2
FRP / W / S / A	FRP / W / S / A
Brush / Roller	Brush / Roller / Spray
Epoxy Primekote® or Pre-Kote Plus	Epoxy Primekote® or Pre-Kote Plus
–	Flattening Agent YMA715
–	–

What is a flattening agent?...

A flattening agent can be added to both Interlux finishes and varnishes; and depending on the mix ratio between the product and the additive, a variety of gloss, satin or matt effects can be achieved.



What is Intergrip No Skid Compound?...

Intergrip No Skid Compound is a synthetic, granular material that can be added to topside finishes prior to application or sprinkled onto wet paint as an aid to providing a more slip-resistant finish. As with the flattening agents, the final result is determined by the amount of material added into the finish.

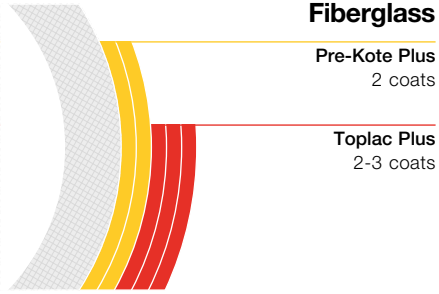


Further information on **Flattening Agent** and **No Skid Compound 2398C** and their uses can be found on the product label or on the product data sheets, which are available at interlux.com

Topcoats

Above water systems

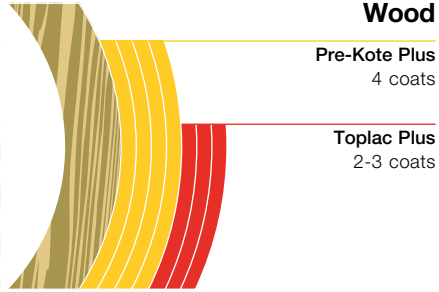
These systems provide the maximum level of protection available.



Fiberglass

Pre-Kote Plus
2 coats

Toplac Plus
2-3 coats

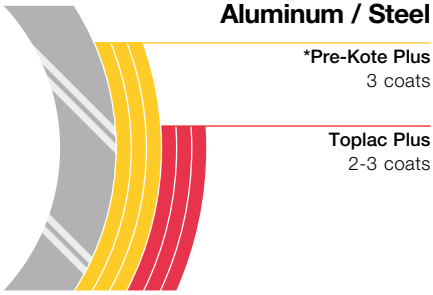


Wood

Pre-Kote Plus
4 coats

Toplac Plus
2-3 coats

Undercoat
Topcoat

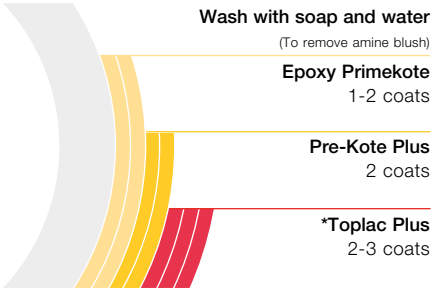


Aluminum / Steel

***Pre-Kote Plus**
3 coats

Toplac Plus
2-3 coats

Note: For additional substrate protection apply a single coat of InterProtect 2000E (thinned 15-20%) followed by 3 coats Pre-Kote Plus. To be checked.



Clear Epoxy

Wash with soap and water
(To remove amine blush)

Epoxy Primekote
1-2 coats

Pre-Kote Plus
2 coats

***Toplac Plus**
2-3 coats

*Toplac Plus can be applied directly onto Epoxy Primekote, however Pre-Kote Plus is recommended to achieve a smoother finish for best results.

How much topside paint do I need?

Determining how much paint you will need is fairly simple. To determine how much topside paint you will need, refer to the reference chart below:

	Motor					Sail				
Waterline length (feet)	**20**	**25**	**30**	**35**	**40**	**20**	**25**	**30**	**35**	**40**
Topside finishes (quarts)	3.0	4.5	6.0	8.0	9.0	2.5	4.0	5.5	7.0	8.5
Finish primers (quarts)	4.0	5.5	7.5	10.0	11.0	3.0	5.0	7.0	9.0	10.5

Undercoats

Product guide

Use this guide to our undercoat products to help you choose the perfect product for your project.





	Pre-Kote Plus	Epoxy Primekote
Key attributes	• Replaces Pre-Kote while still delivering the same levels of adhesion with added corrosion protection • Pre-Kote Plus is a single pack primer/undercoat for use above the waterline with Interlux® one-pack finishes and deck paints • Best in class system with Interlux® one-pack finishes and deck paints	• A multi-purpose epoxy primer for use with two-part finishes • Use as part of a system to resurface cracked and crazed gelcoat • Eliminates the effects of amine blush of clear epoxies • Bright white color makes it ideal for priming bilge and locker areas
Typically used	Under Interlux® one-part finishes **Do not use under two-part products**	Above the waterline under Interlux® two-part finishes and in some underwater systems
Thinners	2333N (Brush/Roller) 216 (Spray)	2333N (Brush/Roller) 2316N (Spray)
Practical coverage ft² per gallon)	587	405
Number of coats	2-4	1-2
Substrates	FRP / W / S / A	FRP / W / S / A / L
Application method	Brush / Roller / Spray	Brush / Roller / Spray
Suitable for above waterline	●	●
Suitable for below waterline	✖	●

FRP Fiberglass W Wood S Steel A Aluminum L Lead

Varnishes

Product Guide

Use this guide to our varnish products to help you choose the perfect product for your project.





	Schooner Gold	Schooner
Key attributes	• Advanced UV technology in our longest-lasting one-part varnish • Exceptional deep gloss and color are retained over the lifetime of the coating* • Sand between every other coat • Traditional amber color • Designed for the experienced varnish enthusiast or professional * Based on the results of our trials.	• Premium quality, traditional tung oil varnish • Rich golden color and deep gloss • Excellent UV protection • Good flow-out and self-leveling characteristics for easier application • Suitable for interiors, exteriors and over existing varnish
Thinners	333 Brush / Roller 216 Spray	333 Brush / Roller 216 Spray
Coverage (ft²/gallon)	526	540
Number of coats Will vary depending on usage. Please check product label/ data sheet.	2-6	3-6
Suitable for use direct to oily wood (e.g. teak or iroko)	●	●
Application method	Brush / Roller / Spray	Brush / Roller / Spray
UV protection/gloss retention	● ● ● ● ●	● ● ● ●
For a satin finish add	Flattening Agent YMA715	Flattening Agent YMA715







Compass Clear	Goldspar Satin	Original
• High durability, high gloss polyurethane varnish • A bright, clear, high gloss finish lets the natural color of the wood show through • Contains a unique combination of UV additives, HALS, surface stabilizers and antioxidants for long-term gloss and clarity	• A satin finish polyurethane varnish for interior use • Resistant to hot water, mild acids, alcohol and alkalis • Fast-dry formulation minimizes dust contamination	• Good flow, flexibility and gloss retention • High clarity finish for light color woods • Interior, exterior and over existing varnish
333 Brush / Roller 216 Spray	333 Brush / Roller 216 Spray	333 Brush / Roller 216 Spray
526	421	541
3-6	3-6	4-6
●	●	●
Brush / Roller / Spray	Brush / Roller / Spray	Brush / Roller / Spray
● ● ●	For interior use only	● ●
Flattening Agent YMA715	-	Flattening Agent YMA715

Note: For a no-skid finish, use **Intergrip No Skid Compound** with your chosen varnish.

Sikkens Cetol Marine

Cetol Marine with Next Wave UV-absorbing technology is a durable, low maintenance translucent protective wood finish for use above the waterline on interior and exterior woods. Next Wave technology is the next generation of Cetol Marine from Sikkens with a unique UV package of advanced ultra violet absorbers that provide greater protection, durability and longevity. Cetol Marine has excellent weathering properties and is flexible allowing for the natural expansion and contraction of wood. Cetol Marine has been specially formulated with one goal in mind to protect wood and keep it looking beautiful.



Cetol Marine



Cetol Marine produces an attractive dark amber appearance on wood.

Cetol Marine Light



Cetol Marine Light will produce a lighter amber appearance on wood.

Cetol Marine Natural Teak



Cetol Marine Natural Teak has a rich golden color on wood.

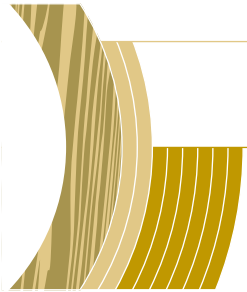
Cetol Marine Gloss



Cetol Marine Gloss provides a high gloss, hard wearing, UV protection and an easy to clean finish and is developed as a topcoat for Cetol Marine, Cetol Marine Light and Cetol Marine Natural Teak for whenever a gloss finish is desired.
Do not use on decks.

Varnish systems:

One-part conventional varnish systems



Schooner Gold
2 thinned coats
(Schooner, Compass Clear, Original, Goldspar Satin)

Schooner Gold
4-6 coats
(Schooner, Compass Clear, Original, Goldspar Satin)



Sikkens Cetol Marine system



Cetol
2-3 coats
(Cetol Marine, Cetol Marine Light, Cetol Marine Natural Teak)

Cetol Gloss*
2-3 coats
* Apply only if a gloss finish is desired.
Do not use Cetol Marine Gloss on decks.

Oily Woods

Hard woods such as Teak and Iroko, that are oily by nature, must be degreased adequately with the correct solvent prior to the application of a first thinned coat of varnish.

- Primer
- Varnish

Primers

Product guide

Use this guide to our primers and undercoats to help you choose the perfect product for your project.





	Primer	
	InterProtect 2000E	**Primocon**
Key attributes	• For prevention and repair of gelcoat blistering • Excellent for use on underwater metals, hulls and keels • Easy to apply – dries quickly – no sanding • Use as part of a no sand system • Excellent anti-corrosive protection above & below the waterline	• Conventional one-part primer for use below water • Quick drying, with anticorrosive properties • Can be used under most antifoulings* or as a conversion coat over incompatible or unknown antifoulings * Over suitable primer
Typically used	Universal primer for above and below the waterline	Below water, under antifoulings or to seal unknown antifoulings **Do not use with VC17m or VC Offshore.**
Thinners	2333N Brush / Roller 2316N Spray	216 Brush / Roller / Spray
Practical coverage (ft²/gallon)	240	300
Number of coats	1-5	2-3
Substrates	FRP / W / S / A / L / Z	FRP / W / S / A / L / Z
Application method	Brush / Roller / Spray	Brush / Roller / Spray
Suitable for above waterline	●	✖
Suitable for below waterline	●	●

FRP Fiberglass W Wood S Steel A Aluminum L Lead B Bronze

InterProtect 2000E

What is InterProtect 2000E?...

InterProtect 2000E epoxy primer has been an industry choice for protection and repair since 1986. Favored by both consumers and professional applicators in boatyards all over North America, InterProtect 2000E remains a market leader in protective epoxy barrier systems for fiberglass hulls.

InterProtect 2000E is an excellent 'Keel to Mast' primer, i.e it can be used above and below the waterline on most substrates. InterProtect 2000E has a natural structure within the epoxy coating to create a barrier against water permeation, called **Micro-Plates**. Technically, the InterProtect Micro-Plates formula provides millions of overlapping microscopic plates. When bound, they create an overlapping barrier similar to shingles on a roof. This barrier eliminates any direct path for water migration.

If you have a new boat, protect your investment against water absorption that could lead to costly problems like crazing or cracking of gelcoat or even blisters. InterProtect 2000E will help you get the most out of your boat, for years to come. A hull well protected with a full InterProtect system has even been shown to increase the re-sale value of boats!

How much do I need?

It is best to actually measure the wetted surface area of the hull. If this is difficult to do, a close approximation can be made by multiplying the length overall, times the beam, times 85% (L.O.A. x Beam x .85 = wetted surface area). Divide the wetted surface area by 60 for brush and roller applications and by 45 for spray application. The resulting number is the number of gallons that need to be applied to reach a 10 mil dry film thickness.

Ultimate No-Sand system for new or non-blistered hulls

Prepare the surface using Fiberglass Surface Prep YMA601V with a maroon, 3M Scotch-Brite® pad.

Apply 1 coat* of InterProtect 2000E using a 3/8" solvent resistant nap roller. Appropriate coverage is 240 sqft/gal. To determine if the InterProtect 2000E is ready to overcoat, check the paint film using the 'Thumb Print' test*. If the InterProtect feels tacky and you can leave a thumb print in the paint film with out getting any paint on your thumb, it is 'Ready-to-Overcoat'. Test the paint film in the area you started applying the primer no later than 30 minutes after starting the application.

Continue testing every 15 minutes using the 'Thumb Print' test until reaching the 'Ready-to-Overcoat' stage. Immediately, begin to apply the Interlux antifouling paint.

Apply 2-3 coats of Interlux antifouling paint.

*Note: This does not provide barrier protection.

Do not use this system with VC® Offshore or VC®17m.

InterProtect 2000E as a universal primer

InterProtect 2000E can be used above and below the waterline as a universal primer for all surfaces and has proven itself to be an excellent primer for all metals.

It also can be used as part of a no sand system.



Available in two colors, Gray and White, so you can alternate colors to ensure full coverage.



2000E
Gray
Y2000E



2000E
White
Y2002E



The 'Thumb Print' Test...

To determine if the InterProtect 2000E is ready to overcoat, check the paint film using the 'Thumb Print' test. If the InterProtect feels tacky and you can leave a thumb print in the paint film without getting any paint on your thumb, it is 'Ready-to-Overcoat'.

Scotch-Brite® is a trademark of 3M.

Why do I need a Thinner?

Thinners are solvents which are usually the same, or very similar, to those used within the product they are recommended with. Thinners can be used as an additive to ease application, or to clean brushes and equipment.

To find out which thinner you need to use, refer to the chart below:



Product	Brush	Spray	Cleanup	% Thinner required Brush	% Thinner required Spray
Toplac Plus	2333N	216	216	As required 10% max	10-15%
Perfection Epoxy Primekote	2333N	2316N	2333N or 2316N	As required 5-10%	As required 25-35% max
Bilgekote Varnishes	333	216	216	As required 10% max	10-15%
Bottom Paints (Conventional)	216	N/A	216	10% 1st coat wood only	As required 10% max
Micron CSC-CA	216	N/A	216	As required 10% max	10-15%
Bottomkote-CA	216	N/A	216	10% 1st coat wood only	As required 10% max
VC Offshore	216	N/A	216	10% 1st coat wood only	As required 10% max
Pre-Kote Plus	2333N	216	216	As required 10% max	10-15%
InterProtect 2000E	2333N	2316N	2333N/ 2316N	5-10%	10-15%
VC Performance Epoxy	2333N	2316N	2333N/ 2316N	5-10%	5-10%

Fiberglass Surface Prep YMA601V



Fiberglass Surface Prep YMA601V is a low VOC contamination/mold release agent remover used for preparing fiberglass bottoms of new boats or unpainted hulls before applying primers or antifouling paints. Removing contaminants from fiberglass is extremely important if full adhesive qualities of primers and/or antifouling paint are to be realized. It can also be used for the removal of amine blush from clear epoxy and cleaning previously painted surfaces prior to sanding before repainting topside finishes. Fiberglass Surface Prep YMA601V is ideal for preparing inflatable boats for a compatible antifouling system.

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It's what's under the surface that counts

It is so much more than just bottom paint.

Interlux® fouling control products not only improve your performance by protecting your hull from fouling, they also protect against the spread of invasive species, safeguarding your local waters when exploring new regions, therefore helping you make a difference by looking after the waters that have provided you with enjoyment and freedom for so many years.

Like you, we have a passion for boating. We provide boaters the hull protection they deserve with over 140 years of cutting-edge science, technology and expertise. You can expect only the best from every Interlux® yacht paint product, providing you the confidence to explore your world.

Relentless performance for every yacht, everywhere, every time.

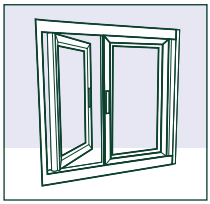
interlux.com

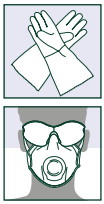
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Blister repair and prevention
How to protect against osmosis

Health and Safety

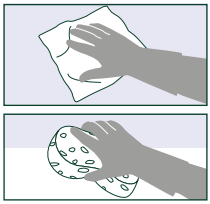
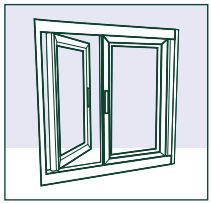
Before commencing preparatory work, ensure the area you are working in is adequately ventilated. Ensure you are wearing the correct PPE; we recommend safety spectacles, goggles or visors, nitrile rubber gloves, overalls (ensuring skin is not exposed) and a solvent mask.





Preparation

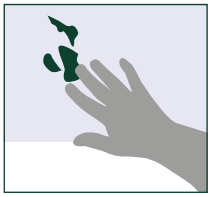
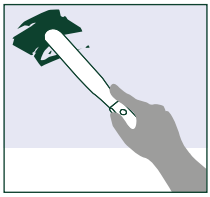
Remove all contamination from the surface using Fiberglass Solvent Wash 202 or Fiberglass Surface Prep YMA601V. Sand using 80-grit sandpaper. Remove the sanding residue using Fiberglass Solvent Wash 202.

If your hull is **new**, proceed to **Step 4**.

Inspection

Inspect the gelcoat for signs of damage or cracking. Small defects can be repaired with Watertite Epoxy Filler following the instructions on the product label.

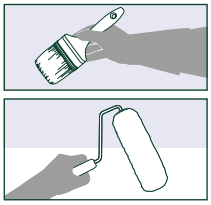
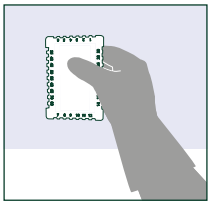



Look out for any warning signs that may suggest that water has entered the laminate or that osmosis may have occurred.

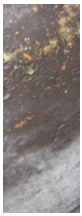
If more extensive damage is found or suspected we recommend that you seek the advice of a professional surveyor before continuing.

Application

Apply InterProtect 2000E, building up to minimum dry film thickness of 10 mils (this will typically take 5 coats) using a brush or roller. For ease, alternate between the gray and white shades.

Warning signs



Blisters

Blisters can vary from small pinhead blisters, to areas as large as the palm of a hand. The presence of any fluid behind a blister indicates a potential problem.



Star crazing

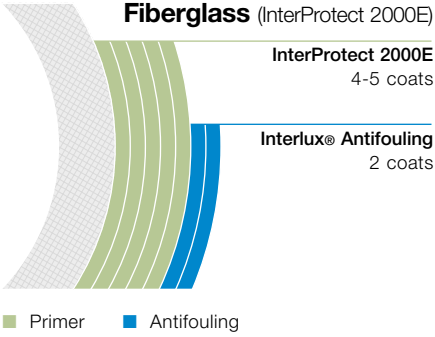
This effect can occur where the gelcoat is brittle. Fine cracks usually form due to severe flexing or impact damage, allowing water to seep into the laminate.



Pinholes

Tiny bubbles present in the gelcoat reduce its effectiveness and promote rapid water absorption.

Osmosis protection systems



How to treat osmosis

1. **Proper preparation of the gelcoat:** This includes getting all of the antifouling paint and primers off and removal of as much gelcoat as necessary to get the hull dry (i.e. the entire gelcoat or just small areas). A professional, who has looked at your boat, should make this determination.
2. **Drying of the hull:** This is the most critical step in the process. If you do not get the hull dry it will re-blister. We recommend a comprehensive washing and drying procedure.
3. **Application of clear epoxy resin:** A solventless epoxy is recommend to seal up laminate and fill any cloth that has been voided of resin.
4. **Application of InterProtect® 2000E:** InterProtect 2000E provides a water barrier to minimize the possibility of reoccurrence of damage and will act as a tie-coat to the antifouling. Contact our Technical Help Desk to obtain a copy of the InterProtect® Bulletin 900 at interlux.com.

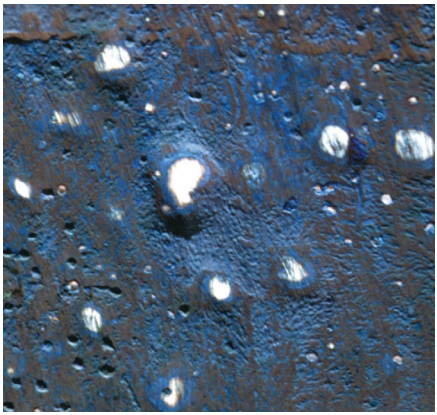
InterProtect 2000E

- For prevention and repair of gelcoat blistering
- Excellent for use on underwater metals, hulls and keels
- Easy to apply – dries quickly – no sanding
- Use as part of a no sand system
- Excellent anti-corrosive protection above and below the waterline



Micro-Plates

- Micro-Plates create an overlapping barrier to help stop water migration through the coating. The InterProtect system is the system of choice for repairing gelcoat that has already been damaged by osmotic blistering.



Before you start

Health & safety

Our goal is to make paint application as safe as possible. Paint products legally require health and safety precautions which are made publicly available. Before beginning any paint project, please always read the label before use and follow all instructions. You can also find safety information at Interlux.com in each product's Safety Data Sheet (SDS). General First Aid statements are provided below.

Personal health

Avoid ingestion

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Avoid inhalation

If inhaled: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Avoid eye contact

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Avoid skin contact

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

- For Safety Data Sheets go to www.interlux.com
- For medical emergency, spill, leak, exposure or accident, call toll free – day or night – CHEMTREC 1-800-424-9300.
- Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For medical emergencies, call the poison control center at 1-800-222-1222.

Risk of fire or explosion

Most paints contain organic solvents – some of which evaporate into the air upon opening the container, which could pose inherent fire risks. Any dangers can be reduced if a few simple precautions are taken:

- **Avoid naked flames** where paint is being stored, opened or applied.
- **Do not smoke.**
- **Store paint in a well-ventilated, dry place** away from sources of heat and direct sunlight.
- **Keep the tin tightly closed.**
- **Avoid sparks** from metals, electrical appliances being switched on and off, or faulty electrical connections.
- **Do not leave paint soaked rags lying around,** in the pockets of overalls or in waste bins. **Some types of paint can dry out and auto-ignite.**

Glossary of terms

A

Activator/Curing Agent: Catalyst, hardener, accelerator, reactor; a material which accelerates a reaction

Adhesion: Bonding strength; the attraction of a coating to the substrate

B

Barrier Coat: Coat used to allow application of a paint which is not compatible with an existing scheme

Base: Refers to the usual larger volume size of a two-pack system – usually the non-activator part. May also refer to any bare surface to be painted

C

Coverage Rate: Non-technical number that tells you how much area you can paint with a given volume of material

Curing: Hardening

D

DOI (Distinction of Image): Measurement of the clarity of the coating by its ability to reflect the image of a given object

Dry Film Thickness (DFT): The film thickness of paint after all of the solvent has evaporated from the wet paint

F

Film: Any single coat or layer of paint applied to a surface, rather than a 'paint scheme'

Film Build: Dry thickness characteristics per coat

G

Gloss: Sheen; ability to reflect; brightness

O

Opacity: Hiding power

Orange Peel: Dimpled appearance of dried film; resembling orange peel

P

Pot Life: Time interval after mixing during which liquid material is usable with no difficulty

Primer: First complete coat of paint of a painting system applied to a surface. Such paints are designed to provide adequate adhesion to new surfaces or are formulated to meet the special requirements of the surfaces

R

Resin: A material, natural or synthetic, contained in varnishes, lacquers, and paints; the film former

S

SDS: Abbreviation for Safety Data Sheet

Sealer: Paint used to seal the substrate or previous coats and prevent interaction between subsequent coats applied

Substrate: Surface to be painted

T

TDS: Abbreviation for Technical Data Sheet

Thinner: A liquid used for reducing the viscosity of paints

Tie Coat: A coat of paint applied to a previous coat to improve the adhesion of subsequent coats or to prevent other surface defects e.g. bubbling of a subsequent coating

Two-Pack: Paints based on binders which cure by the chemical reaction between two components

V

Viscosity: A measure of fluidity

W

Wet Edge: Keeping the paint wet enough when it is applied by brush so it can be brushed back into without showing lines of demarcation from one painted area to the next

Wet Film Thickness (WFT): The thickness of paint when it is first applied before solvent evaporation takes place

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A revolution in topside paint

Our next generation, premium topside system with professional level results in an easy to use one part finish.

Toplac® Plus provides a best in class high gloss finish with longer lasting UV protection that is easy to apply with exceptional roller application, without the need for tipping, available in a full range of vibrant colors.

Apply over Pre-Kote Plus, our improved one part undercoat and topside primer all in one, with substrate protection, an extra smooth finish, and lower VOCs.

An amazing finish has never been so easy.
Experience a revolution in topside paints, from Interlux®.
Relentless performance for every yacht, everywhere, every time.

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Color Card

Canadian Edition

Toplac Plus



Premium high durability yacht gloss finish

Snow White YLK000 (001) ○	Mediterranean White YLK184 (545) ○	Matterhorn White YLK198 (199) ○	Off White YLK192 (193) ○
Oyster White YLK194 (195) ○	Ivory YLK187 (812) ○	Cream YLK027 (027) ○	Sundown Buff 237 (YLK237) ○
Ice Blue YLK904 (904) ●	Sea Foam Green YLK256 (256) ●	Boston Whaler Blue YLK962 (962) ●	Bondi Blue YLK898 (016) ●
Lauderdale Blue YLK936 (936) ●	Sapphire Blue YLK830 (830) ●	Oxford Blue YLK993 (105) ●	Flag Blue YLK990 (992) ●
Platinum YLK151 (151) ○	Atlantic Gray YLK684 (289) ●	Anthracite Gray YLK315 (315) ●	Jet Black YKL999 (051) ●
Yellow YLK101 (101) ○	Rochelle Red YLK299 (011) ◑	Bounty YLK292 (350) ◑	Donegal Green YLK541 (077) ●

Recommended undercoat for one-part finishes

○ White Pre-Kote Plus ● Blue/Gray Pre-Kote Plus

◑ To give extra depth of color, blend the final coat of Pre-Kote Plus 50:50 with an approved Interlux® one-pack topcoat

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Colors

Topside Paints continued

Bilgekote



High wearing coating for bilges, lockers and bulkheads

White
(YMA102)

Gray
(YMA100)

Interdeck



Slip-resistant polyurethane deck paint

White
YJB000

Gray
YJF684

Sand Beige
YJG009

Fouling Control

Polishing antifouling

Micron CSC - CA



Multi-seasonal performance

Red
YBM002

Black
YBM003

Blue
YBM000

Ablative antifouling

Bottomkote - CA



Season to season protection

Red
YBM012

Black
YBM013

Blue
YBM010

Non-antifouling

VC Performance Epoxy



Quick dry, quick launch

White
V127/V128

Specialty antifouling

VC Offshore



Low friction finish

Black
V118

Blue
V116

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