Interprotect 2000E

Primers

High Performance Epoxy Primer for Fiberglass, Steel, Aluminum and Wood.

PRODUCT DESCRIPTION

Interprotect 2000E is a unique two part epoxy coating, developed to protect new and used fiberglass hulls from water absorption. Due to its anti-corrosive properties it is also ideal for use on metal. Interprotect 2000E can also be used as an undercoat/filling primer to repair cracks in fiberglass decks.

* Excellent adhesion to fiberglass, composite, metal and wood.
* Long overcoating times between coats add versatility & flexibility in a boatyard environment.
* Compatible with Interlux primers, antifoulings and Interfill fairing compounds.

Microplates® in Interprotect 2000E create an overlapping barrier to eliminate any direct path for water migration.

PRODUCT INFORMATION

Color	Y2000E-Gray, Y2002E-White
Finish	Matt
Specific Gravity	1.4
Volume Solids	45%
Mix Ratio	Mix ratio 3:1 by volume (as supplied)
Typical Shelf Life	2 yrs
VOC (As Supplied)	464 g/lt
Unit Size	1 US Quart, 1 US Gallon, 3 US Gallon

DRYING/OVERCOATING INFORMATION

Drying

	41°F (5°C)	50°F (10°C)	73°F (23°C)	95°F (35°C)
Touch Dry [ISO]	4 hrs	3 hrs	2 hrs	30 mins
Immersion	24 hrs	24 hrs	12 hrs	8 hrs
Pot Life	10 hrs	7.5 hrs	3 hrs	2 hrs

Overcoating

Substrate Temperature

Overcoated By	41°F (5°C) Min	41°F (5°C) Max	50°F (10°C) Min	50°F (10°C) Max	73°F (23°C) Min	73°F (23°C) Max	95°F (35°C) Min	95°F (35°C) Max
ACT with Slime Fighter	-	-	5 hrs	9 hrs	3 hrs	7 hrs	1 hrs	5 hrs
Aqua-One	-	-	16 hrs	24 hrs	6 hrs	16 hrs	4 hrs	10 hrs
Bottomkote - CA	-	-	16 hrs	24 hrs	6 hrs	16 hrs	4 hrs	10 hrs
Bottomkote® Pro	-	-	5 hrs	9 hrs	3 hrs	7 hrs	1 hrs	5 hrs
Bottomkote XXX	-	-	5 hrs	9 hrs	3 hrs	7 hrs	1 hrs	5 hrs
Epoxy Primekote	-	-	16 hrs	24 hrs	6 hrs	16 hrs	4 hrs	10 hrs
Fiberglass Bottomkote® Aqua	-	-	16 hrs	24 hrs	6 hrs	16 hrs	4 hrs	10 hrs
Fiberglass Bottomkote® NT	-	-	5 hrs	9 hrs	3 hrs	7 hrs	1 hrs	5 hrs
Interfill 830	-	-	36 hrs	3 mths	24 hrs	3 mths	24 hrs	3 mths
Interfill 833	-	-	36 hrs	3 mths	24 hrs	3 mths	24 hrs	3 mths
Interlux Antifouling	-	-	5 hrs	9 hrs	3 hrs	7 hrs	1 hrs	5 hrs
Interprotect 2000E	10 hrs	6 mths	5 hrs	6 mths	3 hrs	6 mths	2 hrs	6 mths
Micron CF	-	-	5 hrs	9 hrs	3 hrs	7 hrs	1 hrs	5 hrs
Micron CSC	-	-	5 hrs	9 hrs	3 hrs	7 hrs	1 hrs	5 hrs
Micron Extra SPC	-	-	16 hrs	24 hrs	6 hrs	16 hrs	4 hrs	10 hrs
Micron Extra with Biolux	-	-	5 hrs	9 hrs	3 hrs	7 hrs	1 hrs	5 hrs
Micron Navigator	-	-	16 hrs	24 hrs	6 hrs	16 hrs	4 hrs	10 hrs
Pacifica Plus	-	-	5 hrs	9 hrs	3 hrs	7 hrs	1 hrs	5 hrs
Tri-Lux II	-	-	5 hrs	9 hrs	3 hrs	7 hrs	1 hrs	5 hrs
Trilux 33	10 hrs	24 hrs	5 hrs	9 hrs	3 hrs	7 hrs	1 hrs	5 hrs
Ultra-Kote	-	-	5 hrs	9 hrs	3 hrs	7 hrs	1 hrs	5 hrs
VC Offshore	-	-	16 hrs	24 hrs	6 hrs	16 hrs	4 hrs	10 hrs
Watertite	-	-	4 hrs	18 hrs	4 hrs	18 hrs	4 hrs	18 hrs

Note: Overcoating times will vary due to wide variations in temperature and humidity. The best method to determine when overcoating can begin is to use the "Thumb Print Test". If you can leave a thumb print in the primer, and not get paint on your thumb, the primer is ready for overcoating. Start testing the primer, 30 minutes after application, where you first started applying the primer. Continue testing every 15 minutes until the "Thumb Print Test" is passed, and then immediately begin applying antifouling paint. If the primer cures hard before it is overcoated, an additional coat of Interprotect 2000E can be applied, or the primer can be allowed to cure, and sanded with 80 grade (grit)

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sandpaper. Do not apply this product if humidity exceeds 85%, or if the temperature is above 95°F/35°C.

Sea Hawk antifoulings can be applied over Interprotect 2000E. Contact Interlux Technical Services team for application guidelines and overcoating intervals.

APPLICATION AND USE

Preparation	**BARE FIBERGLASS OR EPOXY** Remove all surface contamination using Fiberglass Surface Prep YMA601, flush with fresh water. Allow to dry. Sand with 80 grade (grit) paper. Remove sanding residue. Wipe with Fiberglass Solvent Wash 202. **STEEL** Degrease by wiping with a rag soaked in Fiberglass Solvent Wash 202. Gritblast to near white metal surface. A surface profile of 2-3 mils (50-75 microns) is recommended. If gritblasting is not possible, grind the surface with a 36 grit grinding disc or sand with 40-60 grit sandpaper. Bring the surface to a uniform, clean, bright metal surface with a surface profile of 2-3 mils (50-75 microns). Remove sanding residue and immediately apply a coat of Interprotect 2000E, thinned 15-20%. Apply 4-5 additional coats of Interprotect 2000E. **ALUMINUM** Degrease by wiping with a rag soaked in Fiberglass Solvent Wash 202. Grit blast, grind with a 36 grit disc, or sand with 40-60 grit sandpaper. If gritblasting, use aluminum compatible materials. Bring the surface to a uniform, clean, bright metal surface. A surface profile of 2-3 mils (50-75 microns) is recommended. Remove sanding residue with a brush, vacuum or by blowing off with a clean air line. Within 1 hour of preparing the surface, apply a coat of Interprotect 2000E thinned 15-20% with the correct thinner. Apply 4-5 additional coats of Interprotect 2000E. **BARE WOOD** Sand with 80-180 grade (grit) paper. Remove oil from oily woods eg teak, using Special Thinner 216 or 2316N. Change rags frequently.
Method	If filling is required, use appropriate filler after the first coat of Interprotect 2000E has been applied. Before painting, remove any dust with a dust wipe. Only 1 coat is required when used as a tie coat over Interprime 450 VOC.
Hints	**Mixing** Stir or shake individual components thoroughly. Add curing agent to the base at 1 part curing agent to 3 parts base (by volume). Stir and leave for 20 minutes induction time and to allow the bubbles to disperse. If thinning is needed, add thinner after the induction time. **Thinner** Reducing Solvent 2316N or Brushing Liquid 2333N **Cleaner** Fiberglass Solvent Wash 202, Reducing Solvent 2316N or Brushing Liquid 2333N **Airless Spray** Pressure: 165 bar/2400 psi. Tip Size: 1880-2680, 0.44-0.53mm/17-21 thou. **Conventional Spray** Pressure Pot: Pressure: 3.44-4.47 bar/50-65 psi (gun pressure); 10-15 psi (pot pressure). Tip Size: 1.5-1.8 mm/60-70 thou. Siphon Cup: Pressure: 3.44-4.47 bar/50-65 psi - gun pressure. Tip Size: 1.8-2.2 mm/70-85 thou. Pressure: <2 bar (Pot)/3-4 bar (Atomising). Thin using 10-15% 2316N or YTA910. **Brush** Use a natural bristle brush. **Roller** Use a 3/8" nap solvent resistant roller. **Other** To figure out how much paint is necessary for below the waterline surfaces, use the following formula: Wetted Surface Area (WSA) = LOA x Beam x .85, then divide the WSA by 60 when brushing/rolling, or 45 when spraying. The number you calculate will be the number of gallons necessary to reach 10 mils
Some Important Points	Do not use below 5°C/41°F. Do not apply over conventional (one-pack) coatings. Do not apply when there is a chance of condensation forming on the surface. Ambient temperature should be minimum 5°C/41°F and maximum 35°C/95°F. Product temperature should be minimum 10°C/50°F and maximum 35°C/95°F. Substrate temperature should be minimum 5°C/41°F and maximum 35°C/95°F.
Compatibility/Substrates	Apply to clean, dry, properly prepared surfaces only. Do not apply over one part paints. When applying vinyl antifoulings such as VC Offshore and Baltoplate® to Interprotect, apply an extra coat and allow epoxy to cure overnight then sand with 80 grade (grit) paper to avoid wrinkling. When overcoating with VC 17m or VC 17m Extra allow Interprotect 2000E to dry for 24 - 36 hours, then sand with 180-220 grit sand paper.
Number of Coats	Substrate priming before application of fairing compound: 1. For Blister Prevention & Anti-corrosive system: 4-5cts by roller, 2-3cts by spray as required to reach 10 mils DFT . For the ultimate no sand system: 1.
Coverage	(Theoretical) - 135.6 ft²/gal by airless spray, 240 (ft²/Gal) by brush (Practical) - 105.8 ft²/gal by airless spray
Recommended DFT per coat	2.6 mils dry by brush / roller, 5.4 mils dry by spray
Recommended WFT per coat	5.6 mils wet by brush / roller, 12 mils wet by spray
Application Methods	Airless Spray, Brush, Conventional Spray, 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 this product to be realized 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:**

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Interprotect 2000E 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 Interprotect 2000E 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.

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