

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, antifouling and Interfill fairing compounds.

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

PRODUCT INFORMATION

Colour	Y2000E-Gray, Y2002E-White
Finish	Matte
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/lit
Unit Size	1 US Quart, 1 US Gallon, 3 US Gallon

DRYING/OVERCOATING INFORMATION

	Drying			
	5°C (41°F)	10°C (50°F)	23°C (73°F)	35°C (95°F)
Touch Dry	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

Overcoated By	Overcoating Substrate Temperature							
	5°C (41°F)		10°C (50°F)		23°C (73°F)		35°C (95°F)	
	Min	Max	Min	Max	Min	Max	Min	Max
ACT	-	-	5 hrs	9 hrs	3 hrs	7 hrs	1 hrs	5 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® 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
Intersleek Pro Tie Coat*	-	-	-	-	3 hrs	16 hrs	2 hrs	10 hrs
Micron 66	10 hrs	24 hrs	5 hrs	9 hrs	3 hrs	7 hrs	1 hrs	5 hrs
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 with Biolux	-	-	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 with Biolux	-	-	5 hrs	9 hrs	3 hrs	7 hrs	1 hrs	5 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) sandpaper. Do not apply this product if humidity exceeds 85%, or if the temperature is above 35°C/95°F.

APPLICATION AND USE

Preparation **BARE FIBERGLASS OR EPOXY** Remove all surface contamination using Fiberglass Surface Prep YMA601, flush with

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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 50-75 microns (2-3 mils) 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 50-75 microns (2-3 mils). Remove sanding residue and immediately apply a coat of Interprotect 2000E, thinned 15-20%. Apply 4-5 additional coats of Interprotect 2000E.

ALUMINIUM 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 aluminium compatible materials. Bring the surface to a uniform, clean, bright metal surface. A surface profile of 3-4 mils (75-100 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 antifouling 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 254 microns DFT .

For the ultimate no sand system: 1.

Coverage

(Theoretical) - 3.33 m²/lt by airless spray, 240 (ft²/Gal) by brush

(Practical) - 2.6 m²/lt by airless spray

Recommended DFT per coat

64 microns dry by brush / roller, 135 microns dry by spray

Recommended WFT per coat

141 microns wet by brush / roller, 300 microns 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 realised 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:

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.

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IMPORTANT NOTES

Disposal of remainders must be arranged for in consultation with the authorities.

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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