



Interprotect 2000E

Osmosis
For Prevention and Repair of Gelcoat Blistering

PRODUCT DESCRIPTION

Interprotect 2000E is a unique two part epoxy coating developed to protect new and used fiberglass hulls from absorption which can lead to poor hull performance and osmotic blistering.

* Contains Micro-plates® for extra protection

* Anticorrosive substrate primer for metals

Interprotect 2000E is used as part of the Interprotect system to repair gelcoat blistering. 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	3:1 by volume (as supplied) , Converter/Curing Agent - Y2001E
Typical Shelf Life	2 yrs
VOC (As Supplied)	464 g/lit
Unit Size	1 US Quart , 1 US Gallon

DRYING/OVERCOATING INFORMATION

Drying

	50°F	73°F	95°F
Touch Dry [ISO]	3hrs	2hrs	30mins
Immersion	24hrs	12hrs	8hrs
Pot Life	7.5hrs	3hrs	2hrs

Overcoating Substrate Temperature

Overcoated By	50°F		73°F		95°F		Min	Max
	Min	Max	Min	Max	Min	Max		
Bottomkote	7hrs	9hrs	5hrs	7hrs	3hrs	5hrs		
Bottomkote XXX	7hrs	9hrs	5hrs	7hrs	3hrs	5hrs		
Epoxy Primekote	7hrs	9hrs	5hrs	7hrs	3hrs	5hrs		
Fiberglass Bottomkote	7hrs	9hrs	5hrs	7hrs	3hrs	5hrs		
Fiberglass Bottomkote® ACT	7hrs	9hrs	5hrs	7hrs	3hrs	5hrs		
Interlux Antifouling	7hrs	9hrs	5hrs	7hrs	3hrs	5hrs		
Interprotect 2000E	5hrs	2wks	3hrs	2wks	2hrs	2wks		
Micron 66	7hrs	9hrs	5hrs	7hrs	3hrs	5hrs		
Micron CSC	7hrs	9hrs	5hrs	7hrs	3hrs	5hrs		
Micron Extra with Biolux	7hrs	9hrs	5hrs	7hrs	3hrs	5hrs		
Micron Optima	7hrs	9hrs	5hrs	7hrs	3hrs	5hrs		
Pre-Kote	7hrs	9hrs	5hrs	7hrs	3hrs	5hrs		
Trilux 33	7hrs	9hrs	5hrs	7hrs	3hrs	5hrs		
Trilux with Biolux	7hrs	9hrs	5hrs	7hrs	3hrs	5hrs		
Ultra with Biolux	7hrs	9hrs	5hrs	7hrs	3hrs	5hrs		
ULTRA-KOTE	7hrs	9hrs	5hrs	7hrs	3hrs	5hrs		

Note:Overcoating times will vary due to wide variations in temperature and humidity. The best method is to check the paint film using the "Thumb Print" test to determine when the Interprotect 2000E is ready to overcoat. If the primer feels tacky and you can

leave a thumb print in the paint film without getting any paint on your thumb the Interprotect 2000E is ready for overcoating. Test the paint film in the area where you started, applying the primer 30 minutes after starting the application. Continue testing every 15 minutes using the "Thumb Print" test until reaching the Ready-to-Overcoat stage, then begin to apply Interlux antifouling immediately. Do not apply if the relative humidity exceeds 85% or if the temperature is above 95°F (35°C). Check primed surfaces using the "Thumb Print" test before overcoating with antifouling. If you cannot leave a thumb print in the Interprotect 2000E or it is "tack free" it is too late to overcoat and must be removed. Follow application instructions on the antifouling label for overcoating times of subsequent coats.

APPLICATION AND USE

Preparation

BARE FIBERGLASS: Remove all surface contamination using Fiberglass Surface Prep YMA601, flush with fresh water. Sand with 80 grade (grit) paper. Remove sanding residue. Wipe with Fiberglass Solvent Wash 202. Epiglass Epoxy Resin HT9000 or Interprotect 1000/1001®: Clean with Fiberglass Surface Prep YMA601. Rinse with fresh water and allow to dry. Sand with 80 grade (grit) paper. Remove sanding residue. Wipe with Fiberglass Solvent Wash 202.

BARE METAL: Surface should be blasted to bright metal. Remove all blast or sanding residue using a clean air line and sweeping with a clean brush or broom. Vacuum clean for best results. Apply primer within 1 hour of metal preparation. If blasting is not possible (or if more than 2 hours has passed since blasting) sand or grind with coarse emery cloth and apply Viny-Lux® Primewash 353/354 prior to Interprotect 2000E or Interprotect 3000/3001.

Method

Apply enough Interprotect 2000E to reach a final Dry Film Thickness of 10 mils. This usually takes 4-5 coats but the amount of paint is more important than the number of coats.

Hints

Mixing Ensure the correct volume mix ratio is used. Mix thoroughly together and then allow to sit 20 minutes for induction time. Mix only as much as you can use in the stated pot life.

Cleaner Fiberglass Solvent Wash 202.

Airless Spray Pressure: 165 bar/2400 psi. Tip Size: 0.44-0.53 mm/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.

Brush Use a natural bristle brush.

Roller Use a 3/8" nap solvent resistant roller.

Other To figure out how much paint is necessary, calculate as follows: Wetted Surface Area (WSA) = LOA x Beam x 0.85 Then divide the WSA by 60 when brushing/rolling or 45 when spraying to determine the number of gallons necessary to reach 10 mils. Prior to application of Interprotect 2000E obtain and read the Interprotect System Manual.

Some Important Points

The hull must be dry. Do not apply over one part paints. Product temperature should be minimum 10°C/50°F and maximum 29°C/85°F. Ambient temperature should be minimum 10°C/50°F and maximum 35°C/95°F. Substrate temperature should be minimum 10°C/50°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

As required to reach 10 mils DFT

Coverage

(Theoretical) - 240 (ft²/Gal) by brush, 180 (ft²/Gal) by spray

Recommended DFT

2.5 mils dry A minimum of 10 mils DFT is required for a complete blister barrier.

Recommended WFT

6.7 mils wet by brush

Application Methods

Brush, Roller, Airless Spray, Conventional Spray - Pressure Pot or Siphon Cup

TRANSPORTATION, STORAGE AND SAFETY INFORMATION

Storage

TRANSPORTATION:

Interprotect 2000E should be kept in securely closed containers during transport and storage.

STORAGE:

Exposure to air and extremes of temperature should be avoided. For the full shelf life of Interprotect

2000E to be realised ensure that between use the container is firmly closed and the temperature is between 5°C/40°F and 35°C/95°F. Keep out of direct sunlight.

Safety

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.

GENERAL: Read the label safety section for Health and Safety Information, also available from our Technical Help Line.

IMPORTANT NOTES

The performance of any marine paint or coating depends on many factors outside the control of International Paint Inc., including surface preparation, proper application, and environmental conditions. Therefore, International Paint Inc. cannot guarantee this product's suitability for your particular purpose or application. IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND/OR MERCHANTABILITY ARE EXCEEDED. International Paint Inc. SHALL NOT, UNDER ANY CIRCUMSTANCES, BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. By purchase of this product, the buyer agrees that the sole exclusive remedy, if any, is limited to the refund of the purchase price or replacement of the product at International Paint Inc. option.

X and International are registered trademarks of Akzo Nobel.

Regional Addresses

Head Office

International Paint Ltd
P O Box 20980
Oriol House
16 Connaught Place
London W2 2ZB
United Kingdom
tel: +44 (0) 171 479 6000
fax: +44 (0) 171 479 6500

European Region

International Paint Ltd
Stoneygate Lane
Felling, Gateshead
Tyne & Wear NE10 0JY
United Kingdom
tel: +44 (0) 191 469 6111
fax: +44 (0) 191 438 3977

Asia Region

International Paint Singapore
(Pte) Ltd
449 Tagore Industrial Avenue
01-03 Hong Joo Industrial
Building
Singapore 787820
tel: +65 6453 1981
fax: +65 6453 1778

Australasia Region

International Paint
115 Hyde Road
Yeronga, Brisbane
Queensland 4104
Australia
tel: +61 (0) 7 3892 8866
fax: +61 (0) 7 3892 4287

North America Region

International Paint Inc
2270 Morris Avenue
Union
New Jersey 07083
USA
tel: +1 (0) 908 686 1300
fax: +1 (0) 908 686 8545

South America Region

International Paint
Rod Rap tavares, KM 18.5
Predio Administrativo 11
Butanta CEP 05577-300
Sao Paulo, Brazil
tel: +55 (0) 11 3789 2000
fax: +55 (0) 11 3789 2200



Ref: 05000186
Issue Date: 26-Jul-2004
Supersedes: 21-Jul-2004