

Polysiloxane Finish

PRODUCT DESCRIPTION High solids, two pack epoxy polysiloxane finish with excellent long term durability.

INTENDED USES Interfine 2700 is designed to provide excellent long term color and gloss retention and provides extended lifetime to first maintenance when utilized as part of a high performance anticorrosive system. Interfine 2700 is intended for use in Marine applications where visual impact is important, and the need for a high standard of cosmetic appearance is required. These include high performance vessels such as ferries, barges and tugs, offshore support vessels and military seacraft in addition to general and commercial marine ships where high levels of cosmetic performance and protection is a key requirement.

PRODUCT INFORMATION

Color	SSB000-White, SSY999-Black. Range available via the Chromascan System.
Finish/Sheen	Gloss
Part B (Curing Agent)	SYA046
Volume Solids	86% ±3% (ISO 3233:1998)
Mix Ratio	4 volume(s) Part A to 1 volume(s) Part B
Typical Film Thickness	5 mils dry (5.8 mils wet). Range 3 - 7 mils dry (3.5 - 8.1 mils wet) may be specified depending upon end use.
Theoretical Coverage	276 ft²/US gal at 5 mils dft, allow appropriate loss factors
Method of Application	Air Spray, Airless Spray, Brush, Roller
Flash Point	Part A 90°F; Part B 131°F; Mixed 90°F

Drying Information	41°F	59°F	77°F	95°F
Touch Dry [ISO 9117/3:2010]	12 hrs	6.5 hrs	4.5 hrs	3.5 hrs
Hard Dry [ISO 9117-1:2009]	32 hrs	15 hrs	9 hrs	6.5 hrs
Pot Life		3 hrs	2 hrs	1.25 hrs

Note For Pot Life information at 41°F please see limitations section.

Overcoating Data - see limitations	Substrate Temperature							
	41°F		59°F		77°F		95°F	
Overcoated By	Min	Max	Min	Max	Min	Max	Min	Max
Interfine 2700	30 hrs	ext	11 hrs	ext	7.5 hrs	ext	5 hrs	ext

REGULATORY DATA **VOC** 115 g/lit (0.96 lb/US gal) as supplied (EPA Method 24)

Note: VOC values are typical and are provided for guidance purposes only. These may be subject to variation depending on factors such as differences in color and normal manufacturing tolerances.

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SYSTEMS AND COMPATIBILITY

Consult your International Paint representative for the system best suited for the surfaces to be protected.

SURFACE PREPARATIONS

Use in accordance with standard Worldwide Marine Specifications.

All surfaces should be clean, dry and free from contamination.

High pressure fresh water wash or fresh water wash, as appropriate, and remove all oil or grease, soluble contaminants and other foreign matter in accordance with SSPC-SP1 solvent cleaning.

NEWBUILDING/MAJOR REFURBISHMENT

All surfaces to be coated should be clean, dry and free of all contamination.

Interfine 2700 should always be applied over a recommended primer coating scheme. The primer surface should be dry and free from all contamination, and Interfine 2700 must be applied within the overcoating intervals specified (consult the relevant product data sheet). For boottop areas the overcoating intervals for primers are reduced. Consult International Paint.

Areas of breakdown, damage etc. should be prepared to the specified standard (eg. Sa2½ (ISO 8501-1:2007)) and primed prior to the application of Interfine 2700.

DIRECT TO METAL

Interfine 2700 may also be applied to aluminum substrates; please contact your local International Paint representative for confirmation of specification.

NOTE

**For use in Marine situations in North America, the following surface preparation standards can be used:
SSPC-SP10 or Sa2½ (ISO 8501-1:2007)**

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APPLICATION

Mixing	Material is supplied in 2 containers as a unit. Always mix a complete unit in the proportions supplied. Once the unit has been mixed it must be used within the working pot life specified. (1) Agitate Base (Part A) with a power agitator. (2) Combine entire contents of Curing Agent (Part B) with Base (Part A) and mix thoroughly with power agitator.
Thinner	International GTA007. Do not thin more than allowed by local environmental legislation.
Airless Spray	Recommended Tip Range 0.28-0.53 Total output fluid pressure at spray tip not less than 155 kg/cm ² (2200 p.s.i.)
Conventional Spray	Recommended Gun DeVilbiss MCB or JGA Air Cap 704 or 765 Fluid Tip E
Brush	Application by brush is recommended for small areas only. Multiple coats may be required to achieve specified film thickness.
Roller	Application by roller is recommended for small areas only. Multiple coats may be required to achieve specified film thickness.
Cleaner	International GTA415. Choice of cleaner maybe subject to local legislation. Please consult your local representative for specific advice.
Work Stoppages and Cleanup	Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with International GTA007. Once units of paint have been mixed they should not be resealed and it is advised that after prolonged stoppages work recommences with freshly mixed units. Clean all equipment immediately after use with International GTA415. It is good working practice to periodically flush out spray equipment during the course of the working day. Frequency of cleaning will depend upon amount sprayed, temperature and elapsed time, including any delays. Do not exceed pot life limitations. All surplus materials and empty containers should be disposed of in accordance with appropriate regional regulations/legislation.
Welding	In the event welding or flame cutting is performed on metal coated with this product, dust and fumes will be emitted which will require the use of appropriate personal protective equipment and adequate local exhaust ventilation. In North America do so in accordance with instruction in ANSI/ASC Z49.1 "Safety in Welding and Cutting."

SAFETY

All work involving the application and use of this product should be performed in compliance with all relevant national Health, Safety & Environmental standards and regulations.

Prior to use, obtain, consult and follow the Material Safety Data Sheet for this product concerning health and safety information. Read and follow all precautionary notices on the Material Safety Data Sheet and container labels. If you do not fully understand these warnings and instructions or if you can not strictly comply with them, do not use this product. Proper ventilation and protective measures must be provided during application and drying to keep solvent vapor concentrations within safe limits and to protect against toxic or oxygen deficient hazards. Take precautions to avoid skin and eye contact (ie. gloves, goggles, face masks, barrier creams etc.) Actual safety measures are dependant on application methods and work environment.

EMERGENCY CONTACT NUMBERS:

USA/Canada - Medical Advisory Number 1-800-854-6813

Europe - Contact (44) 191 4696111. For advice to Doctors & Hospitals only contact (44) 207 6359191

China - Contact (86) 532 83889090

R.O.W. - Contact Regional Office

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LIMITATIONS

Level of sheen and surface finish is dependent on application method. Avoid using a mixture of application methods whenever possible. Best results in terms of gloss and appearance will always be obtained with conventional air spray application.

This product must only be thinned using the recommended International thinners. The use of alternative thinners, particular those containing alcohols, can severely inhibit the curing mechanism of the coating.

Pot life times must not be exceeded even though the material may be still liquid and appear useable. Failure to comply with this will result in a film with inferior performance. Surface temperature must always be a minimum of 3°C (5°F) above dew point.

In common with all polysiloxane coatings, care must be taken when applying multiple coats of Interfine 2700 to ensure that all continuous wet film is applied and a minimum dry film thickness of 4 mils is achieved. Failure to do so may result in pinholing which will detract from ultimate appearance and performance.

For direct to metal applications apply a stripe coat to assure edge retention.

When applying Interfine 2700 in confined spaces, ensure adequate ventilation.

Interfine 2700 will cure satisfactorily at relative humidities between 40% and 85%. Curing will be slower at lower humidities and faster at higher humidities.

Condensation occurring during or immediately after application may result in a matt finish and an inferior film.

When overcoating after weathering or aging, ensure the coating is fully cleaned to remove all surface contamination such as oil, grease, salt crystals and traffic fumes, before application of a further coat of Interfine 2700.

Premature exposure to ponding water will cause color change, especially in dark colors and at low temperatures.

Absolute measured adhesion of topcoats to aged Interfine 2700 is less than that to fresh material, however, it is adequate for the specified end use.

This product is not recommended for use in immersed conditions.

Base and curing agent must be heated to a minimum of 59°F before and during application, as such there is no specified pot life value below 59°F. Paint should be stored above 59°F for a minimum of 48 hours to achieve the required minimum paint temperature.

Apply in good weather. Temperature of the surface to be coated must be at least 5°F above the dew point. For optimum application properties bring the material to 70°F-81°F, unless specifically instructed otherwise, prior to mixing and application. Unmixed material (in closed containers) should be maintained in protected storage in accordance with information given in the STORAGE Section of this data sheet. Technical and application data herein is for the purpose of establishing a general guideline of the coating application procedures. Test performance results were obtained in a controlled laboratory environment and International Paint makes no claim that the exhibited published test results, or any other tests, accurately represent results found in all field environments. As application, environmental and design factors can vary significantly, due care should be exercised in the selection, verification of performance and use of the coating.

In the overcoating data section 'ext' = extended overcoating period. Please refer to our Marine Painting Guide - Definitions and Abbreviations available on our website.

UNIT SIZE	Unit Size	Part A		Part B	
		Vol	Pack	Vol	Pack
	5 US gal	4 US gal	5 US gal	1 US gal	1 US gal

UNIT SHIPPING WEIGHT	Unit Size	Unit Weight
	5 US gal	28.21 lb

STORAGE	Shelf Life	12 months minimum at 77°F. Subject to re-inspection thereafter. Store in dry, shaded conditions away from sources of heat and ignition.

WORLDWIDE AVAILABILITY Consult International Paint.

IMPORTANT NOTE

The information in this data sheet is not intended to be exhaustive; any person using the product for any purpose other than that specifically recommended in this data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at their own risk. All advice given or statements made about the product (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability at all for the performance of the product or for (subject to the maximum extent permitted by law) any loss or damage arising out of the use of the product. We hereby disclaim any warranties or representations, express or implied, by operation of law or otherwise, including, without limitation, any implied warranty of merchantability or fitness for a particular purpose. All products supplied and technical advice given are subject to our Conditions of Sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is liable to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to check with their local representative that this data sheet is current prior to using the product.

This Technical Data Sheet is available on our website at www.international-marine.com or www.international-pc.com, and should be the same as this document. Should there be any discrepancies between this document and the version of the Technical Data Sheet that appears on the website, then the version on the website will take precedence.

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