

Interlac 1



Silicone Alkyd Anti Stain Finish

PRODUCT DESCRIPTION An easy clean, one pack, high solids silicone alkyd finish, with low solar absorption (LSA) pigmentation. The active pigment package minimises rust staining and highlights corroded areas that need repair. Provides superior performance and lower heat absorption in comparison to typical silicone alkyd finishes. Excellent color and gloss retention. Easy to apply and recoat. Low VOC

INTENDED USES For use on topsides, superstructures and deck fittings.
For use at Newbuilding, Maintenance & Repair or On Board Maintenance.

PRODUCT INFORMATION

Colour	45587A-Haze Gray
Finish/Sheen	Semi-gloss
Part B (Curing Agent)	One pack
Volume Solids	60% (ASTM D2597-86)
Typical Film Thickness	50 microns dry (83 microns wet). Typical range 50 - 63 microns dry (83 - 105 microns wet)
Theoretical Coverage	12 m ² /litre at 50 microns dft, allow appropriate loss factors
Method of Application	Airless Spray, Roller, Brush, Conventional Spray
Flash Point (Typical)	Single Pack 40°C (Setflash) (ASTM D-3278)

Drying Information	10°C	15°C	25°C	35°C
Touch Dry (ASTM D1640 7.5.1)	6 hrs	4 hrs	2 hrs	60 mins
Hard Dry (ASTM D1640 7.7)	14 hrs	11 hrs	8 hrs	6 hrs

Overcoating Data - see limitations		Substrate Temperature							
		10°C		15°C		25°C		35°C	
Overcoated By		Min	Max	Min	Max	Min	Max	Min	Max
Interlac 1		32 hrs	ext	29 hrs	ext	24 hrs	ext	16 hrs	ext

REGULATORY DATA

VOC 336 g/l as supplied (EPA Method 24)
253 g/kg of liquid paint as supplied. EU Solvent Emissions Directive (Council Directive 1999/13/EC)

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 colour and normal manufacturing tolerances.

MIL SPEC MIL-PRF-24635C, Type II Class 2, Grade C, LSA, Anti-Stain

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AkzoNobel

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SYSTEMS AND COMPATIBILITY

Interlac 1 must be applied over a recommended primer system, which may vary depending upon vessel area and supply region.

Typically, when coating large vessel areas in the U.S.A., Interlac 1 is applied over epoxy primers conforming to MIL-P-23236 or MIL-DTL-24441. For smaller vessel areas, Interlac 1 is also applied over alkyd primers.

Direct application is acceptable over the following marine anticorrosive:

Intergard 264 (conforms to MIL-P-23236)

Formula 150 Primer (conforms to MIL-DTL-24441 Type III)

Formula 150 Primer (conforms to MIL-DTL-24441 Type IV)

Interprime 198

Interprime 298

Interluf 262

Alkyd primers conforming to TT-P-645 military certification

For application over other epoxy anticorrosive primers, a tie-coat of Intergard 263 should be applied prior to application of Interlac 1. In Europe, Intergard 162 is used as an alternative to Intergard 263 for above water areas only.

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

SURFACE PREPARATIONS

Paint only clean, dry surfaces. Remove all grease, oil, soluble contaminants and other foreign matter by "solvent cleaning" (SSPC-SP1).

Unpainted surfaces:

Prepare surface and apply recommended primer. Apply one or more coats of Interlac 1 as specified. (Consult the relevant primer data sheet for surface preparation and overcoating information.)

Previously Painted Surfaces

Remove all mill scale, loose rust, loose paint and other foreign matter by "Hand or Power Tool Cleaning" (SSPC-SP2 or SP3, respectively).

Sand or 'Brush Blast' (SSPC-SP7) any hard glossy areas until dull. Spot prime bare areas as recommended and apply one or more coats of Interlac 1 as specified. Consult the relevant primer data sheet for specific surface preparation and overcoating information. Check integrity of existing coating system and apply a representative test patch to confirm compatibility. Consult your International Paint representative for procedures.

NOTE

For use in Marine situations outside North America, the following surface preparation standards can be used:

St2 (ISO 8501-1:2007) in place of SSPC-SP2

St3 (ISO 8501-1:2007) in place of SSPC-SP3

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APPLICATION	Apply by conventional or airless spray. Application by other methods, brush or roller, may require more than one coat and is suggested for small areas only. Strain material through a minimum 60 mesh screen before application. Apply at 83 microns wet which will yield 50 microns dry film thickness. Consult the following equipment recommended or utilize suitable equal.
Mixing	This material is a one pack coating and should always be mixed thoroughly with a power agitator before application.
Thinner	DO NOT THIN BEYOND YOUR STATE'S COMPLIANCY. Material is supplied at spray viscosity and normally does not need thinning. If thinning is necessary, thin up to a maximum of 4 ounces/gal. (118 ml) with International GTA004 Thinner.
Airless Spray	Minimum 28:1 ratio pump; 0.013"- 0.017" (330-432 microns) orifice tip; 3/8" (9.5 mm) ID high pressure material hose; 60 mesh tip filter
Conventional Spray	DeVilbiss MBC-510 gun E tip and 704 air cap; 3/8" (9.5 mm) ID material hose; double regulated pressure tank with oil and moisture separator.
Brush	Use appropriate size China bristle brush.
Roller	Use All Purpose Roller cover with 3/8" (9.5mm) pile smooth to medium nap. Prewash roller cover to remove loose fibers prior to use.
Cleaner	International GTA004
Work Stoppages and Cleanup	Clean all equipment immediately after use with International GTA004. It is good working practice to periodically flush out spray equipment during the course of the working day. Frequency will depend upon factors such as amount sprayed, temperature and elapsed time including work stoppages. Monitor material condition. 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 vapour 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

Apply in good weather when air and surface temperatures are above 2°C. Surface temperature must be at least 3°C above dew point. For optimum application properties, bring material to 21-27°C prior to mixing and application. Unmixed material (in closed containers) should be maintained in protected storage between 4-38°C. The performance of Interlac 1 is dependent upon the standard of surface cleanliness and the specified film thickness being achieved. The anti-stain performance of this product will be impaired on areas subject to constant running water. It is not suitable for boottops. Two coats of Interlac 1 may be required to completely cover dark primers. Overcoating information is given for guidance only and is subject to regional variation depending upon local climate and environmental conditions. Consult your local International Paint representative for specific recommendations. Technical and application data herein is for the purpose of establishing a general guideline of the coating and proper coating application guidelines. 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 actually 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	Vol	Pack
1 US gal	1 US gal	1 US gal
5 US gal	5 US gal	5 US gal
5 lt	5 lt	5 lt
20 lt	20 lt	20 lt

UNIT SHIPPING WEIGHT (TYPICAL)

Unit Size	Unit Weight
1 US gal	12.2 lb
5 US gal	60.7 lb
5 lt	7.4 Kg
20 lt	29 Kg

STORAGE

Shelf Life	24 months minimum from date of manufacture when maintained in protected storage at 4-38° C. Subject to reinspection thereafter. Store in dry, shaded conditions away from sources of heat and ignition.
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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.

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Marine Coatings