International

Interlac®1

Silicone alkyd, low solar absorption, anti stain finish

Product Description

Interlac®1 is a single pack, easy clean, semi gloss silicone alkyd finish, providing superior aesthetic performance whilst demonstrating excellent colour and gloss retention.

Interlac®1 contains Low Solar Absorption (LSA) pigmentation which reflects infrared radiation from the sun and contributes to a reduction in temperature of internal vessel areas. Additionally an active pigment package minimises rust staining.

Interlac®1 is qualified to meet the requirements of MIL-PRF-24635C Type II, Class 2, Grade C LSA anti stain.

Features	Benefits
Excellent durability	Promotes an excellent operational image Excellent asset protection Reduced maintenance costs
Single pack	Ease of application, reduced waste
Unique anti rust active pigment package	Minimises rust staining and maintains vessel appearance
Low solar absorption	Minimises air conditioning unit workload and operational cost Provides a more suitable working environment for the crew and sensitive electronic equipment
Extended overcoatability	Reduced maintenance costs

Product Information

Colour	Range available, consult International Paint
Surface preparation	Surface should be clean, dry and free from contamination
Volume solids	60% (ASTM D2697-86)
Typical film thickness	50 microns dry (83 microns wet)
Hard dry	8hrs @ 25ºC
Minimum application temperature	2ºC
Method of application	Airless Spray, Roller, Brush, Conventional Spray

For each of our products the relevant Product Data Sheet, Material Safety Data Sheet and package labelling comprise an integral information system about the product in question. Copies of our Product Data Sheets and Material Safety Data Sheets are available on request or from our website.

Applications

Extended in service periods whilst maintaining good cosmetic performance

Promotes excellent operational image with reduced maintenance costs

Specially formulated anti stain pigment prolongs the need for cosmetic maintenance

AkzoNobel

Interlac®1

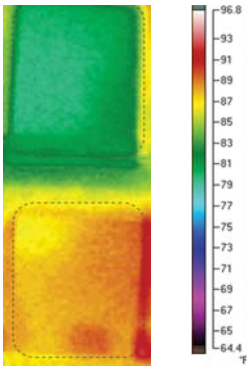
Low Solar Absorption Technology

Depending on vessel type, external decks have the potential to absorb infrared radiation (heat) from the sun, resulting in a rise in steel deck temperatures and a subsequent increase in the temperature of internal vessel areas. This effect can place a strain on the air conditioning units used to maintain acceptable internal operating temperatures.

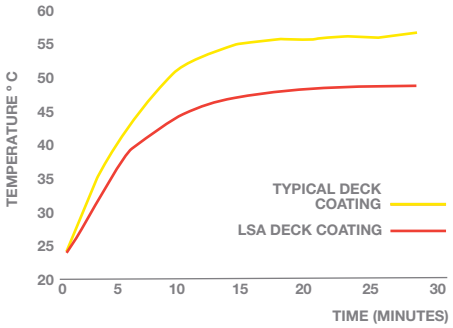
Low Solar Absorption (LSA) deck coatings can help minimise air conditioning unit workload and operational cost, in addition to providing a better working environment for the crew and sensitive electronic equipment.

LSA Grey Test Panel (reduced heat absorption)

Non LSA Grey Test Panel



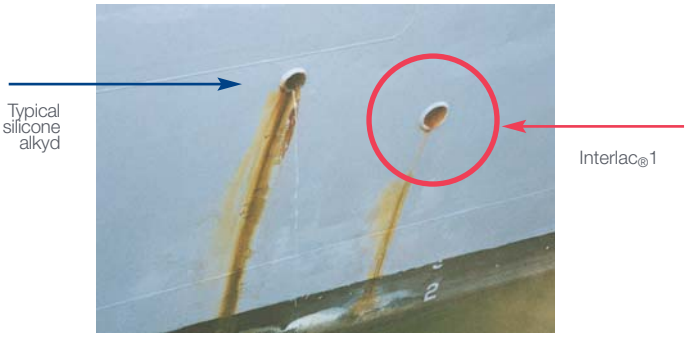
Thermal imaging results after 30 minutes (UK) sunlight exposure. The LSA grey panel shows a significant reduction in heat absorption.



Measured difference in steel temperature as a result of direct sun exposure, demonstrating the benefit of using LSA technology.

Anti Stain Technology

The cosmetic appearance of military vessels is important and selecting the correct coating system can help maintain pristine fleet condition. Interlac®1 has been specially formulated to contain an anti stain pigment which interrupts the normal corrosion process to produce a colourless product, reducing cosmetic maintenance.



Rust stain hiding after 10 months in service

Application and In Service Performance

Interlac®1 applied to the 'Principe d'Asturias' helicopter carrier in 2007

The 'Principe d'Asturias' after 18 months in service maintained a superior cosmetic appearance

HMCS Charlottetown under major refurbishment, completed with full coat of Interlac®1

Interlac®'s LSA properties can significantly reduce heat absorption resulting in operational cost savings

To find out more visit: www.international-marine.com

International Paint Ltd, Stoneygate Lane, Felling, Gateshead NE10 0JY. Tel: +44 (0)191 469 6111 Fax: +44 (0)191 495 2003

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