International

Intershield®851

A high solids, coarse texture non skid epoxy coating

Product Description

Intershield®851 is a two pack, coarse texture non skid epoxy coating, with high volume solids (77%). Hard wearing with good chemical resistance, and also approved to DEF STAN 80-134 as a Type 2 (coarse texture) non skid flight deck coating.

Suitable for use on flight decks, landing zones, vertical replenishment zones, walkways, vehicle ramps, car / passenger decks and other areas subject to heavy wear, where a non skid finish is required.

Features	Benefits
Durable corrosion resistant system	Excellent operational image and asset protection Reduced maintenance costs
Coarse profile non skid coating, approved to DEF STAN 80-134, Type 2	Can be used on military vessels as a non skid surface for aircraft, vehicles and foot traffic
Low solar absorption options available	Minimises air conditioning unit workload and operational costs Provides a suitable environment for the crew and sensitive electronic equipment
Fuel and chemical resistant	Resists spillages and leaks from aircraft and vehicles
VOC content 111g/Kg	Control of solvent emissions to comply with current and proposed legislation

Product Information

Colour	Range available, consult International Paint
Surface preparation	Surface should be clean, dry and free from contamination
Volume solids	77% ±2% (ISO 3233:1998)
Typical film thickness	1000 microns dry (1299 microns wet)
Hard dry	16hrs @ 25ºC
Minimum application temperature	10ºC
Method of application	Conventional Spray, Roller

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

Intershield®851 can be applied to areas subjected to heavy wear

Low solar absorption coatings can reduce thermal transfer to internal spaces resulting in operational cost savings

Provides a suitable, safe working environment with excellent resistance to seawater and fuel oil pooling

AkzoNobel

Intershield®851

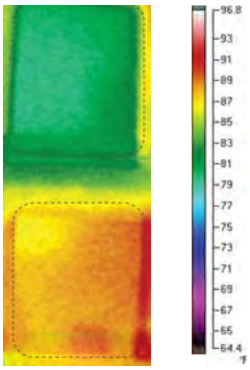
Low Solar Absorption Technology

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.

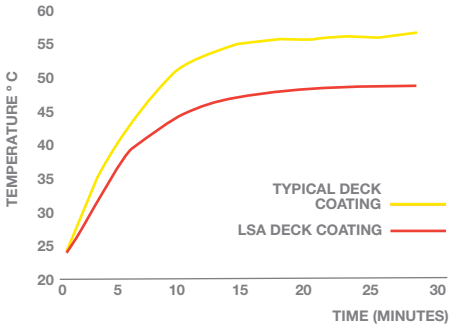
Low Solar Absorption (LSA) deck coatings can help minimise air conditioning unit workload and operational cost, in addition to providing a better working environment for the crew and sensitive electronic equipment.

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.

Non Skid Performance

Decks are high activity areas that are potentially dangerous to equipment and crew. Intershield®851 utilises high durability wear resistant polymers which contain aggregates, to give a textured profile designed to provide maximum slip resistance by maintaining high coefficient of friction.

Intershield®851 non skid surface has been developed with excellent resistance to seawater and fuel oil pooling to improve the health and safety of crew and passengers. Qualification of non skid deck coatings is vital to ensure they meet requirements deemed necessary for safety. Intershield®851 has been externally approved to DEF STAN 80-134 Type 2 (by the UK MOD).

Anti Slip Properties (DEF STAN 80-134)

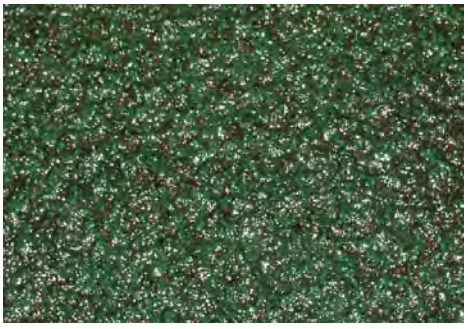
Freshly applied	Wet >70	Oily >30
Worn	Wet >60	Oily >20
Profile Depth	0.4 – 0.6mm	

In Service Performance

Premium non skid performance on a passenger deck, reducing risk from falls to employees and passengers

Non skid surface offering reduced maintenance cost and increased safety

Enhanced damage resistance from aircraft on a helipad, reducing maintenance costs



Excellent condition after 24 months in service, maintaining performance in challenging environments

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

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