

LSA-High Solids Epoxy Non-skid Deck Coating

PRODUCT DESCRIPTION A Low Solar Absorbing, high solids, extended durability, epoxy non-skid deck coating. Developed to meet the requirements of MIL-PRF-24667C Types I, II and V, Composition G.

INTENDED USES Wherever a rollable, extended durability, Low Solar Absorbing, non-skid deck coating is required. For use at Newbuilding, Maintenance & Repair or On Board Maintenance.

PRODUCT INFORMATION	Colour	EGA650-Dark Grey
	Finish/Sheen	Flat
	Part B (Curing Agent)	EGA651
	Volume Solids	90% ±2% (ISO 3233:1998)
	Mix Ratio	3 volume(s) Part A to 1 volume(s) Part B
	Typical Film Thickness	Not applicable
	Theoretical Coverage	0.49-0.73 m ² /litre, allow appropriate loss factors
	Method of Application	Roller
	Flash Point (Typical)	Part A 39°C; Part B 39°C; Mixed 39°C
	Induction Period	Not applicable

Drying Information	10°C	23°C	35°C
Hard Dry [ASTM D1640 7.7]	24 hrs	12 hrs	9 hrs
Pot Life	2 hrs	60 mins	30 mins

Overcoating Data - see limitations	Substrate Temperature					
	10°C		23°C		35°C	
Overcoated By	Min	Max	Min	Max	Min	Max
Interthane 990	24 hrs	72 hrs	12 hrs	72 hrs	9 hrs	72 hrs
Interthane 990HS	24 hrs	72 hrs	12 hrs	72 hrs	9 hrs	72 hrs

Note Drying times and pot life will vary with ambient temperature and/or humidity changes.

REGULATORY DATA	VOC	92 g/lit as supplied (EPA Method 24) 58 g/lit Chinese National Standard GB23985
	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	Non-Skid MIL-PRF-24667C, Types I, II & V, Composition G

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SYSTEMS AND COMPATIBILITY

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

TYPICAL SYSTEMS:

Intershield 456/Intershield 6GV

Intershield 456/Intershield 6GV/Interthane 990

Intershield 456/Intershield 6GV/Interthane 990HS

SURFACE PREPARATIONS

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

Intershield 6GV is designed specifically for use as a rollable non-skid deck coating over properly prepared Intershield 456. Consult the relevant product data sheets for surface preparation and overcoating information.

Consult your International Paint representative for specific recommendations.

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APPLICATION	<p>Apply by smooth phenolic core roller cover to achieve 'ploughed field' effect if required. Consult International Paint for other effects.</p> <p>Apply mixed material by pouring a small amount onto the properly prepared surface. Then spread out an even amount and texture with a long handled, smooth phenolic core roller cover.</p> <p>Heavy, or thick, carelessly applied coats will be subject to mudcracking and/or blistering.</p> <p>When Intershield 6GV has been properly applied the surface will present a uniformly rough appearance over the entire surface. There will be no loosely bound clumps of particles. If required the surface profile can show a pattern of hard raised peaks or ridges similar to a "ploughed field". The peaks of the ridges will be about 0.5 - 1.0" (12.5 - 25.0 mm) apart and approximately 1/16" to 3/32" (1.5 - 2.4 mm) high. The non-skid coating at its thinnest point should be at least 762 microns thick.</p> <p>Consult the following equipment recommendations:</p>
Mixing	<p>Do not proportion material and do not mix until ready to use. Material is supplied in one container as a unit. Always mix a complete unit in the proportions supplied. Agitate Intershield 6GV colour base material (Part A) with a power agitator for 2 minutes, ensuring that no compacted aggregate remains in the bottom of the can. Add Intershield 6GV converter (Part B) and mix thoroughly with a power agitator for 3 minutes stopping once to scrape the sides and the bottom of the can. Take care not to mix air into the material.</p>
Thinner	DO NOT THIN !
Roller	Use a smooth phenolic core roller cover.
Cleaner	International GTA220/GTA415
Work Stoppages and Cleanup	<p>Clean all equipment immediately after use with International GTA220/GTA415.</p> <p>Monitor material condition. Do not exceed pot life limitations.</p>
Welding	<p>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."</p>

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 10°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.

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.

UNIT SIZE	Unit Size	Part A		Part B	
		Vol	Pack	Vol	Pack
	5 US gal	3.75 US gal	6 US gal	1.25 US gal	1.5 US gal

All components are supplied in one 6 US gallon container (part B is supplied in a plastic bag which is suspended above the colour base in a plastic tray).
For availability of other unit sizes consult International Paint

UNIT SHIPPING WEIGHT (TYPICAL)	Unit Size	Unit Weight
		5 US gal

STORAGE	Shelf Life	
		12 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.

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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