

## High Profile Non Skid Polyurethane Finish

**PRODUCT DESCRIPTION** A two pack polyurethane high profile non-skid finish incorporating low solar absorbent pigmentation.

**INTENDED USES** Specifically designed for external decks and flight decks to meet ABR5419 drag co-efficient tests or where a coarse non-skid is required with the ability to resist chalking and wear. Designed for Royal Australian Naval Vessels.

**PRODUCT INFORMATION**

<b>Colour</b>	PLA786-LSA HP Deck Pewter, PLA999-HP Black <b>Note:</b> Black is not Low Solar Absorbing
<b>Part B (Curing Agent)</b>	PLA047
<b>Volume Solids</b>	73% ±3% (ISO 3233:1998)
<b>Mix Ratio</b>	9 volume(s) Part A to 1 volume(s) Part B
<b>Typical Film Thickness</b>	400 microns dry (548 microns wet)
<b>Theoretical Coverage</b>	1.82 m <sup>2</sup> /litre at 400 microns dft, allow appropriate loss factors
<b>Method of Application</b>	Brush, Roller
<b>Flash Point (Typical)</b>	Part A 34°C; Part B 49°C; Mixed 36°C
<b>Induction Period</b>	Not required

<b>Drying Information</b>	10°C	25°C	35°C
Touch Dry [ISO 9117/3:2010]	12 hrs	6 hrs	3 hrs
Hard Dry [ISO 9117-1:2009]	48 hrs	24 hrs	12 hrs
Pot Life	12 hrs	2 hrs	60 mins

<b>Overcoating Data - see limitations</b>	<b>Substrate Temperature</b>					
	10°C		25°C		35°C	
<b>Overcoated By</b>	Min	Max	Min	Max	Min	Max
Interthane 987	48 hrs	ext	24 hrs	ext	12 hrs	ext
Interthane 990	48 hrs	ext	24 hrs	ext	12 hrs	ext

**Note** Drying and overcoating times quoted are measured at 400 microns dry, at higher film thickness times will be increased.

**REGULATORY DATA** **VOC** 260 g/lit 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 colour and normal manufacturing tolerances.

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### CERTIFICATION

When used as part of an approved scheme, this material has the following certification:

- PLA786 - Deck Pewter > 65% Near Infra red reflective with 15% Gloss Level.
- PLA786 and PLA999 conform to ABR5419 Drag Coefficient - DSTO Test (see Interthane 864 Coating Procedures Manual)

Consult your International Paint representative for details.

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### SYSTEMS AND COMPATIBILITY

Consult your International Paint representative for the system best suited for the surfaces to be protected. This product will not cure adequately below 10°C.

This product may be applied over Intershield 300, Intergard 248, Intergard 276, Interbond 373 and Interprime 820.

The drying times and overcoating times may differ dependant upon varying on-site conditions, film thickness applied, ventilation rates etc.

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### SURFACE PREPARATIONS

Use in accordance with the standard Worldwide Marine Specifications.

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

High pressure fresh water wash or fresh water wash and scrub as appropriate to remove all dust etc from the surface. Grease and Oil etc should be removed by degreasing or solvent wiping to AS1627.1 - 2003 providing a "water breakfree" surface free of contaminates.

### NEWBUILDING/MAJOR REFURBISHMENT

Interthane 864 should always be applied over a recommended primer. The primer surface should be dry and free from all contamination, and Interthane 864 must be applied within the overcoating intervals specified (consult the relevant product data sheet).

Areas of breakdown, damage etc should be prepared to the specified standard (eg AS1627.4 class 2.5 (Sa2.5 ISO 8501-1: 1988)) and primed prior to the application of Interthane 864.

### REPAIR/OBM

Interthane 864 should always be applied over a recommended coating scheme. The primer surface should be dry and free from all contamination, and Interthane 864 must be applied within the overcoating intervals specified (consult the relevant product data sheet.)

Areas of breakdown, damage etc should be prepared to the specified standard (eg AS1627.4 class 2.5 (Sa2.5 ISO 8501-1: 1988)) and primed prior to the application of Interthane 864.

Interthane 864 may be applied directly over aged Interthane 990 or Interthane 987 following thorough fresh water washing and degreasing to AS1627.1 - 2003 as above and provided that the coating is in an intact and tightly adherent condition. Loose or flaking coatings should be taken back to a firm edge and Interbond 373 or an appropriate primer should be used to repair the area before application of the full coat.

This product may be applied over Intershield 300, Interbond 373, Intergard 248, Intergard 276, Interprime 820 or sound intact Interthane 864 and Intergard LSA-ENS provided proper cleaning as stated above has been carried out. Consult your International Paint representative.

If application over other surfaces is required consult International Paint for compatibility.

Consult your International Paint representative for specific recommendations.

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<b>APPLICATION</b>	<b>Confined Spaces</b> - Forced air ventilation may be required. See relevant Material Safety Data Sheets. <b>Spatter Spray</b> This method of application should only be undertaken by experienced applicators. Consult International Paint.
<b>Mixing</b>	Material is supplied in 2 containers as a unit. Always mix a complete unit in the proportions supplied. (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.
<b>Thinner</b>	Use up to 10% of International Thinner GTA713 if required in cold climates only (max 10% by volume). DO NOT thin more than allowed by local environmental legislation. Consult International Paint regarding thinning.
<b>Airless Spray</b>	Not suitable.
<b>Conventional Spray</b>	Not suitable.
<b>Brush</b>	Application by brush is recommended for small areas only. Multiple coats may be required to achieve specified film thickness.
<b>Roller</b>	Suitable. In order to achieve the required non-skid properties as specified in ABR5419 care should be taken to apply this product at the correct film thickness. Excessive application will <b>reduce</b> non-skid properties. When rolling to achieve uniformity in appearance it is suggested that this product be rolled with a good quality 5-10mm nap epoxy roller sleeve or coarse texture roller and that all application should be in one direction. Application by broom or other method is not recommended. Do not continue to use once thinning is required. Consult International Paint regarding thinning.
<b>Cleaner</b>	International GTA713/GTA415 or International GTA415 (USA)
<b>Work Stoppages and Cleanup</b>	Thoroughly clean all equipment with International GTA713/GTA415. Once units of paint have been mixed they should not be resealed as gases may build up. It is advised that after prolonged stoppages work should recommence with freshly mixed units of paint. Frequency of cleaning will depend upon the amount of product to be applied, 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 the appropriate regional regulations/legislations.
<b>Welding</b>	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.

### 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:

Australia - Corporate HS&E Dept, Health & Safety advisor 61 (0) 393134555

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

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

R.O.W. - Contact Regional Office

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### LIMITATIONS

This product is not recommended for use in immersed conditions.

In cold climates it may be necessary to thin the Interthane 864 with approximately 5-10% of GTA713 Thinners. Once applied flight operations should not be undertaken between 14 days at 23°C when applied at 400 microns dft. It should be noted that at colder temperatures or higher dft readings this may increase. Over application of Interthane 864 may cause the aggregate to settle resulting in a glossy finish and/or cracking of the coating. Low temperature, high relative humidity and condensation occurring during or immediately after application may result in varying gloss levels and film imperfections. Premature exposure to ponding water will cause colour changes.

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. Apply in good weather. Temperature of the surface to be coated must be at least 3°C above the dew point. For optimum application properties bring the material to 21-27°C, 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
	10 lt	9 lt	12 lt	1 lt	1 lt

For availability of other unit sizes consult International Paint

UNIT SHIPPING WEIGHT (TYPICAL)	Unit Size	Unit Weight
	10 lt	26.59 Kg

STORAGE	Shelf Life	12 months minimum at 25°C. Subject to re-inspection thereafter. Store in dry, shaded conditions away from sources of heat and ignition.

**WORLDWIDE AVAILABILITY** Available in Australia and New Zealand only.

### 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](http://www.international-marine.com) or [www.international-pc.com](http://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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