

Low Profile Non Skid Polyurethane

PRODUCT DESCRIPTION	A two pack polyurethane low profile non-skid finish incorporating low solar absorbent pigmentation.							
INTENDED USES	Specifically designed for decks where a low profile non-skid is required with the ability to resist chalking and wear.							
PRODUCT INFORMATION	Colour	PLA631-LSA N42 Storm Grey, PLA804-LSA LP Deck Pewter						
	Finish/Sheen	Not applicable						
	Part B (Curing Agent)	PLA316 (Use Interthane 863/864 curing agent PLA047 in Australia)						
	Volume Solids	69% ±2% (ISO 3233:1998)						
	Mix Ratio	9 volume(s) Part A to 1 volume(s) Part B						
	Typical Film Thickness	100 microns dry (145 microns wet)						
	Theoretical Coverage	6.90 m ² /litre at 100 microns dft, allow appropriate loss factors						
	Method of Application	Brush, Roller						
	Flash Point (Typical)	Part A 34°C; Part B 49°C; Mixed 36°C						
	Induction Period	Not required						
Drying Information	5°C	10°C	25°C	35°C				
Touch Dry [ISO 9117/3:2010]	60 mins	45 mins	30 mins	30 mins				
Hard Dry [ISO 9117-1:2009]	16 hrs	14 hrs	10 hrs	6 hrs				
Pot Life	8 hrs	6 hrs	4 hrs	2 hrs				
Overcoating Data - see limitations	Substrate Temperature							
	5°C		10°C		25°C		35°C	
Overcoated By	Min	Max	Min	Max	Min	Max	Min	Max
Interthane 863	16 hrs	ext	14 hrs	ext	10 hrs	ext	6 hrs	ext
Interthane 987	16 hrs	ext	14 hrs	ext	10 hrs	ext	6 hrs	ext
Interthane 990	16 hrs	ext	14 hrs	ext	10 hrs	ext	6 hrs	ext
Note	Drying and overcoating times quoted are measured at 100 microns dry, at higher thickness times will be increased.							

REGULATORY DATA	VOC	382 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 product has the following certification:

- > 65% Near Infra red reflective with 15% Gloss Level \pm 3% - DSTO Test

Consult your International Paint representative for details.

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, Intergard 269, Interprime 820 or sound intact Interthane 863, Interthane 864 and Intergard LSA-ENS.

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 863 should always be applied over a recommended primer coating system.

The primer surface should be clean, dry and free from all contamination, and Interthane 863 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 8501-1:2001)) and primed prior to the application of Interthane 863.

REPAIR/OBM

Interthane 863 should always be applied over a recommended primer coating system.

The primer surface should be clean, dry and free from all contamination, and Interthane 863 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 8501-1:2001)) and primed prior to the application of Interthane 863.

Interthane 863 may be applied directly over aged Interthane 990 or Interthane 863 following thorough fresh water washing and degreasing to AS1627.1-2003 as above and sanding 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 an appropriate primer should be used to repair the area before application of Interthane 863.

This product may be applied over Intershield 300, Interbond 373, Intergard 248, Intergard 269, Intergard 276, Interprime 820 or sound intact Interthane 863, Interthane 864 and Intergard LSA-ENS provided proper cleaning as stated above has been carried out. Consult your International Paint representative.

Consult your International Paint representative for specific recommendations.

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APPLICATION	Confined Spaces - Forced air ventilation may be required. See relevant Material Safety Data Sheets.
Mixing	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.
Thinner	Use International GTA713 only in exceptional circumstances (max 5% by volume). DO NOT thin more than allowed by local environmental legislation.
Airless Spray	Not recommended.
Conventional Spray	Not recommended.
Brush	Application by brush is recommended for small areas only. Multiple coats may be required to achieve specified film thickness.
Roller	Suitable. In order to achieve the required non-skid properties care should be taken to apply this product at the correct film thickness. Excessive application will reduce 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 and that all application should be in one direction. Do not continue to use once thinning is required. Consult International regarding thinning.
Cleaner	International GTA713/GTA415
Work Stoppages and Cleanup	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.
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:

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. 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	19.89 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 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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