Interthane 884

Low Gloss Polyurethane Finish

PRODUCT DESCRIPTION

A two pack, low gloss linear polyurethane finish giving excellent durability and long term finish.

INTENDED USES

A cosmetic finish for above water areas on vessels.
For use at Newbuilding or Maintenance & Repair.

PRODUCT INFORMATION

Colour	Available in a range of colours
Finish/Sheen	Gloss
Part B (Curing Agent)	PVA046
Volume Solids	42% ±3% (ISO 3233:1998)
Mix Ratio	3 volume(s) Part A to 1 volume(s) Part B
Typical Film Thickness	35 microns dry (83 microns wet)
Theoretical Coverage	12.00 m²/litre at 35 microns dft, allow appropriate loss factors
Method of Application	Airless Spray, Brush, Conventional Spray, Roller
Flash Point (Typical)	Part A -1°C ; Part B 32°C ; Mixed <23°C
Induction Period	15 minutes

Drying Information	10°C	20°C	25°C	35°C
Touch Dry [ISO 9117/3:2010]	6 hrs	3 hrs	2 hrs	60 mins
Hard Dry [ISO 9117-1:2009]	24 hrs	16 hrs	12 hrs	6 hrs
Pot Life	16 hrs	8 hrs	5 hrs	2 hrs

Overcoating Data - see limitations

	Substrate Temperature							
	10°C		20°C		25°C		35°C	
Overcoated By	Min	Max	Min	Max	Min	Max	Min	Max
Interthane 884	24 hrs	48 hrs	24 hrs	36 hrs	20 hrs	30 hrs	8 hrs	24 hrs
Interthane 894	24 hrs	48 hrs	24 hrs	36 hrs	20 hrs	30 hrs	8 hrs	24 hrs
Interthane 990	24 hrs	44 hrs	24 hrs	32 hrs	20 hrs	26 hrs	8 hrs	20 hrs

Note If application is to be Wet on Wet then consult International Paint.
After 36 hours the surface requires sanding and solvent swabbing prior to overcoating.
Drying and overcoating times quoted are measured at 35 microns dry, at higher thickness times will be increased.

REGULATORY DATA

VOC 494 g/lt 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.

SYSTEMS AND COMPATIBILITY

Consult your International Paint representative for the system best suited for the surfaces to be protected.
A trial patch should be undertaken to asses compatibility if existing coating type is unknown.
This product may be applied over Intershield 300, Intergard 263, Intergard 276 and Interbond 373.
Do not apply over Interprime 198

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 - 2002 providing a "water breakfree" surface free of contaminates.

NEWBUILDING/MAJOR REFURBISHMENT

Interthane 884 should always be applied over a recommended primer coating scheme. The primer surface should be dry and free from all contamination, and Interthane 884 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 884.

REPAIR/OBM

Interthane 884 should always be applied over a recommended primer coating scheme. The primer surface should be dry and free from all contamination, and Interthane 884 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 884.
Interthane 884 may be applied directly over aged Interthane 990 or Interthane 884 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 Interbond 373 or an appropriate primer should be used to repair the area before application of the full coat.

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APPLICATION	**Confined Spaces** - Forced air ventilation may be required. See relevant Material Safety Data Sheets.
Mixing	Material is supplied in two containers as a unit. Always mix a complete unit in the proportions supplied. Once the unit has been mixed it must be used within the working pot life specified. (1) Agitate Base (Part A) with power agitator. (2) Combine entire contents of Curing Agent (Part B) with Base (Part A) and mix thoroughly with power agitator. Allow 15 minutes induction time.
Thinner	Not Recommended. Use International GTA713, YTA064 only in exceptional circumstances (max 5% by volume). DO NOT thin more than allowed by local environmental legislation.
Airless Spray	Recommended Tip Range 0.33-0.53 mm (13-21 thou) Total output fluid pressure at spray tip not less than 155 kg/cm² (2200 p.s.i.)
Conventional Spray	Use suitable proprietry equipment. Thinning may be required to achieve atomisation. If thinned multiple coats may be required to achieve minimum specified dry film thickness.
Brush	Application by brush or roller is recommended for small areas only. Multiple coats may be required to achieve specified film thickness.
Roller	Application by roller is recommended for small areas only. Multiple coats may be required to achieve specified film thickness.
Cleaner	International GTA713/YTA064
Work Stoppages and Cleanup	Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with International GTA713/YTA064. Once units of paint have been mixed they should not be resealed and it is advised that after prolonged stoppages work recommences with freshly mixed units. Clean all equipment immediately after use with International GTA713/YTA064. It is good working practice to periodically flush out spray equipment during the course of the working day. Frequency of cleaning will depend upon amount sprayed, 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 appropriate regional regulations/legislation.
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 suitable for use in immersed conditions.
If this product is being used on the topsides it must be complete prior to the application of the Antifouling coating.
Interthane 884 should not be applied over the Antifouling coating to "Cut In" the waterline. Antifouling should be applied over Interthane 884 to "Cut In" this waterline as long as it is 150mm above the water at full load.
If applied by Brush, Roller or Conventional Spray then extra coats may be required for coverage and to achieve DFT.
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.

UNIT SIZE

Unit Size	Part A		Part B	
	Vol	Pack	Vol	Pack
4 lt	3 lt	4 lt	1 lt	1 lt

UNIT SHIPPING WEIGHT (TYPICAL)

Unit Size	Unit Weight
4 lt	4.63 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 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.

www.international-marine.com