

Acrylic Finish

PRODUCT DESCRIPTION A heavy duty water borne acrylic coating with excellent weather resistance and outstanding gloss and colour retention over extended periods.

INTENDED USES A high gloss finish coat for interior or exterior uses including accommodation spaces where ease of cleaning is desired. Suitable to be applied over a wide variety of primers and tie coats.

PRODUCT INFORMATION	Colour	WAA853-White and limited pastel colours
	Finish/Sheen	Gloss
	Volume Solids	41% ±3% (ISO 3233:1998)
	Mix Ratio	Not applicable
	Typical Film Thickness	25 microns dry (61 microns wet)
	Theoretical Coverage	16.40 m ² /litre at 25 microns dft, allow appropriate loss factors
	Method of Application	Airless Spray, Brush, Conventional Spray, Roller
	Flash Point (Typical)	Single Pack >65°C
	Induction Period	Not applicable

Drying Information	5°C	10°C	25°C	35°C
Touch Dry [ISO 9117/3:2010]	4 hrs	2 hrs	90 mins	40 mins
Hard Dry [ISO 9117-1:2009]	48 hrs	36 hrs	12 hrs	8 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
Intercryl 559	24 hrs	ext	18 hrs	ext	7 hrs	ext	5.5 hrs	ext
Intercryl 853	24 hrs	ext	18 hrs	ext	7 hrs	ext	5.5 hrs	ext

Note Drying and overcoating times quoted are measured at 25 microns dry, at higher film thickness times will be increased. Drying and overcoating times are also worked out at 60% relative humidity and variations in this will effect drying times.

REGULATORY DATA	VOC	83 g/lit calculated (EPA Method 24) 185 g/lit Water Reduced
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:

- APAS 0280/1 (formerly GPC - L - 28/1) Gloss exterior latex paint

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 may be applied over:

Interbond 373
Intergard 248
Intergard 263
Intergard 269
Intergard 276
Interprime 198
Interprime 741

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

Intercryl 853 should always be applied over a recommended primer coating system.

The primer surface should be clean, dry and free from all contamination, and Intercryl 853 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 Intercryl 853.

REPAIR/OBM

Intercryl 853 should always be applied over a recommended primer coating system.

The primer surface should be clean, dry and free from all contamination, and Intercryl 853 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 Intercryl 853.

Intercryl 853 may be applied directly over aged Interthane 990 or Interlac 665 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.

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 1 container as a unit. (1) Agitate product with a power agitator.
Thinner	Not recommended. Use water only in exceptional circumstances (max 5% by volume). DO NOT thin more than allowed by local environmental legislation.
Airless Spray	Recommended Tip Range 0.33-0.45 mm (13-18 thou) Total output fluid pressure at spray tip not less than 176 kg/cm ² (2500 p.s.i.)
Conventional Spray	Use suitable proprietary equipment. If thinned multiple coats may be required to achieve minimum specified dry film thickness.
Brush	Application by brush 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 GTA991 or Water
Work Stoppages and Cleanup	Clean all equipment immediately after use with water. Spray equipment requires flushing with water. It is good working practice to periodically flush out spray equipment during the course of the working day. Frequency will depend upon factors such as amount sprayed, temperature and elapsed time including work stoppages. Monitor material condition. 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:

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.

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. The substrate temperature should be >10°C and the relative humidity should be <70%.

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 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 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.

The drying times and overcoating intervals may differ dependant upon varying on-site conditions, film thickness applied, relative humidity, ventilation rates, etc (worked at 60% R/H).

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	
		Vol	Pack
	20 lt	20 lt	20 lt

For availability of other unit sizes consult International Paint

UNIT SHIPPING WEIGHT (TYPICAL)	Unit Size	Unit Weight
	20 lt	27.1 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.
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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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