Intersheen 579

Modified Acrylic Finish

PRODUCT DESCRIPTION

A fast drying, one pack, modified acrylic finish.

INTENDED USES

As a cosmetic finish on above water areas.
For use at Newbuilding, Maintenance & Repair or On Board Maintenance.

PRODUCT INFORMATION

Colour	LAB000-White, LAK724-Storm Grey, LAL274-Red, LAL549-Signal Green, LAY999-Black ; and a wide range of colours.
Finish/Sheen	Semi-gloss
Part B (Curing Agent)	Not applicable
Volume Solids	35% ±3% (ISO 3233:1998)
Mix Ratio	Not applicable
Typical Film Thickness	40 microns dry (118 microns wet)
Theoretical Coverage	8.75 m²/litre at 40 microns dft, allow appropriate loss factors
Method of Application	Airless Spray, Brush, Roller
Flash Point (Typical)	Single Pack 23°C (Product produced and supplied in North America has a flash point of 26°C, in Korea has a flash point of 22°C due to locally sourced solvent. There is no detrimental effect on product performance)

Drying Information	-5°C	5°C	25°C	35°C
Touch Dry [ISO 9117/3:2010]	2 hrs	60 mins	30 mins	15 mins
Hard Dry [ISO 9117-1:2009]	36 hrs	24 hrs	8 hrs	8 hrs

Overcoating Data - see limitations

	Substrate Temperature							
	-5°C		5°C		25°C		35°C	
Overcoated By	Min	Max	Min	Max	Min	Max	Min	Max
Intersheen 579	24 hrs	ext	8 hrs	ext	4 hrs	ext	2 hrs	ext

REGULATORY DATA

VOC

565 g/lt as supplied (EPA Method 24)
518 g/kg of liquid paint as supplied. EU Solvent Emissions Directive (Council Directive 1999/13/EC)
490 g/lt as supplied under Korea Clean Air Conservation Act

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

Intersheen 579 should only be applied over recommended anticorrosive primers. The primer to be used will depend upon vessel area and application location. Typical primers include:

Intergard 263 (as a tiecoat)
Interprime 198
Intertuf 203
Interstores Epoxy Primer

Alternative primers may be used, depending upon region. Consult International Paint.
Consult your International Paint representative for the system best suited for the surfaces to be protected.

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, as appropriate, and remove all oil or grease, soluble contaminants and other foreign matter in accordance with SSPC-SP1 solvent cleaning.

NEWBUILDING/MAJOR REFURBISHMENT

Intersheen 579 should always be applied over a recommended primer coating scheme. The primer surface should be dry and free from all contamination, and Intersheen 579 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 (e.g. Sa2½ (ISO 8501-1:2007) and primed prior to the application of Intersheen 579

REPAIR/OBM

Intersheen 579 should always be applied over a recommended primer coating scheme. The primer surface should be dry and free from all contamination, and Intersheen 579 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 (e.g. Sa2½ (ISO 8501-1:2007) and primed prior to the application of Intersheen 579
Intersheen 579 may be applied directly over aged Intersheen 579 following thorough fresh water washing and degreasing provided the coating to be overcoated is in an intact and tightly adherent condition. Loose or flaking coatings should be removed back to a firm edge and Intersheen 579 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.

NOTE

For use in Marine situations in North America, the following surface preparation standards can be used: SSPC-SP10 in place of Sa2½ (ISO 8501-1:2007)

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APPLICATION

Mixing	This material is a one pack coating and should always be mixed thoroughly with a power agitator before application.
Thinner	Not recommended. Use International GTA007 only in exceptional circumstances. DO NOT thin more than allowed by local environmental legislation.
Airless Spray	Recommended Tip Range 0.38-0.53 mm (15-21 thou) Total output fluid pressure at spray tip not less than 176 kg/cm² (2500 p.s.i.)
Conventional Spray	Application by conventional spray is not recommended.
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 GTA007
Work Stoppages and Cleanup	Thoroughly flush all equipment with GTA007. All unused material should be stored in tightly closed containers. Partially filled containers may show surface skinning and/or a viscosity increase of the material after storage. Material should be filtered prior to use.
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
China – Contact (86) 532 83889090
R.O.W. - Contact Regional Office

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LIMITATIONS

When applying Intersheen 579 by brush or roller, care is required to prevent "pick-up" of recently applied one pack coatings.
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	Vol	Pack
1 US gal	1 US gal	1 US gal
5 US gal	5 US gal	5 US gal
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	23.88 Kg
5 US gal	50 lb
1 US gal	10.4 lb

STORAGE

Shelf Life	24 months at 25°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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