

Glass Flake Vinyl Ester

PRODUCT DESCRIPTION A two pack, glass flake reinforced vinyl ester tank coating.

INTENDED USES For the protection of galley grey water tanks.
For use at Newbuilding or Maintenance & Repair.

PRODUCT INFORMATION

Colour	TEA600-White, TEA603-Buff
Finish/Sheen	Semi-gloss
Part B (Curing Agent)	TEA150, TEA075 if required. (TEA075 is a Retarder, refer to limitations for levels of addition)
Volume Solids	85% (ISO 3233:1998) 100% reactive, although determined volume solids depends upon the application conditions. A recommended working figure is 85%.
Mix Ratio	49 volume(s) Part A to 1 volume(s) Part B
Typical Film Thickness	600 microns dry (706 microns wet)
Theoretical Coverage	1.42 m ² /litre at 600 microns dft, allow appropriate loss factors
Method of Application	Airless Spray, Brush
Flash Point (Typical)	Part A 32°C; Part B 100°C; Mixed 32°C
Induction Period	Not applicable

Drying Information	10°C	15°C	25°C	35°C
Touch Dry [ISO 9117/3:2010]	5 hrs	4 hrs	4 hrs	4 hrs
Hard Dry [ISO 9117-1:2009]	6 hrs	5 hrs	5 hrs	5 hrs
Walk-on Time	6 hrs	5 hrs	5 hrs	5 hrs
Pot Life	60 mins	60 mins	40 mins	40 mins

Overcoating Data - see limitations	Substrate Temperature							
	10°C		15°C		25°C		35°C	
Overcoated By	Min	Max	Min	Max	Min	Max	Min	Max
Interline 955	6 hrs	3 days	5 hrs	3 days	5 hrs	2 days	5 hrs	24 hrs

Note Drying times have been obtained using the recommended retarder levels for each temperature.

REGULATORY DATA **VOC** 35 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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SYSTEMS AND COMPATIBILITY

Consult your International Paint representative for the system best suited for the surfaces to be protected. When using in grey water tanks, consult the Interline 955 Grey Water Tank Coating Application Guidelines.

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

Where necessary, remove weld spatter and smooth weld seams and sharp edges.

Abrasive blast clean to Sa2½ (ISO 8501-1:2007). If oxidation has occurred between blasting and application of Interline 955, the surface should be reblasted to the specified visual standard.

Surface defects revealed by the blast cleaning process, should be ground, filled, or treated in the appropriate manner.

A surface profile of 75-100 microns is recommended.

If a holding primer is required, please consult International Paint for a product suitable for the area of application.

REPAIR

Fresh water wash to remove all dirt and contamination.

Degrease according to SSPC-SP1 solvent cleaning.

Prepare damaged and corroded areas by blasting to Sa2½ (ISO 8501-1:2007).

If oxidation has occurred between blasting and application of Interline 955, the surface should be reblasted to the specified standard.

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	Material is supplied in 2 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 a power agitator. (2) Agitate Curing Agent (Part B).
Thinner	This product must NOT be thinned.
Airless Spray	Recommended. 45:1 pump or greater is necessary. Remove filters from gun and pump. Keep fluid lines as short as possible and use Teflon Packings.
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	Not applicable
Cleaner	International GTA853/GTA407
Work Stoppages and Cleanup	Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with International GTA853/GTA407. 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 GTA853/GTA407. 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, relative humidity 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:

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

Interline 955 can be applied in a wide range of climatic conditions, including elevated material temperatures up to 35° C. However, at material temperatures greater than 25°C the use of a retarder solution is required in order to maintain the working pot life, allowing normal airless spray methods to be employed. The recommended level of retarder is as follows:-

<25°C - No retarder required

25-35°C - 1 unit retarder required

These volumes of retarder will maintain the working pot life. The retarder must always be added to the base prior to the addition of the converter/curing agent and mixed thoroughly using a power agitator.

This product must NOT be thinned as the use of thinners may severely inhibit the curing mechanism of the coating.

This product will not cure adequately below 5°C.

Maximum steel temperature at the time of application is 60°C and maximum relative humidity during the application and cure period is 80%.

Under direct sunlight exposures or when surface temperatures exceed 35°C Interline 955 should be recoated as soon as the coating will support foot traffic in order to prevent the possibility of intercoat disbondment.

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		Part C	
		Vol	Pack	Vol	Pack	Vol	Pack
	20 lt	19.6 lt	20 lt	0.4 lt	500 mls	0.05 lt	50 mls

For availability of other unit sizes consult International Paint

UNIT SHIPPING WEIGHT (TYPICAL)	Unit Size	Unit Weight
	20 lt	25.8 Kg

STORAGE	Shelf Life	6 months at temperatures <20°C. Subject to reinspection thereafter. Store in dry, shaded conditions away from sources of heat and ignition.
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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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