

Epoxy Tank Coating

PRODUCT DESCRIPTION A two pack, solvent free epoxy tank coating.

INTENDED USES

A high performance potable water tank coating which can also be used for void spaces, cofferdams and liquid mud tanks.
For use at Newbuilding or Maintenance & Repair.



Certified to NSF/ANSI
Standard 61

PRODUCT INFORMATION

Colour	THA960-White
Finish/Sheen	Not applicable
Part B (Curing Agent)	THA962
Volume Solids	100% ±2% (ISO 3233:1998)
Mix Ratio	2 volume(s) Part A to 1 volume(s) Part B
Typical Film Thickness	Range: 300 - 600 microns dry (300 - 600 microns wet) may be specified depending upon end use.
Theoretical Coverage	3.33 m ² /litre at 300 microns dft, allow appropriate loss factors
Method of Application	Airless Spray, Brush, Roller
Flash Point (Typical)	Part A >101°C; Part B >101°C; Mixed >101°C

Drying Information	10°C		15°C		25°C		35°C	
Touch Dry [ISO 9117/3:2010]	15 hrs		12 hrs		7 hrs		4 hrs	
Hard Dry [ISO 9117-1:2009]	36 hrs		24 hrs		16 hrs		12 hrs	
Pot Life	90 mins		80 mins		55 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 975P	36 hrs	28 days	24 hrs	28 days	16 hrs	21 days	12 hrs	15 days

REGULATORY DATA

VOC 0 g/lit calculated

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.

Epoxy Tank Coating

CERTIFICATION

When used as part of an approved scheme, this material has the following certification:

- Potable Water - NSF approved (NSF/ANSI Standard 61)

Potable Water Certification issued by external bodies is dependent upon formulation and/or manufacturing site. Based on this, products supplied in different territories may not be approved to all of the standards listed above.

SYSTEMS AND COMPATIBILITY

Consult your local representative for the system best suited for the surfaces to be protected.
When using in potable water tanks, consult the Interline 975P Potable Water Tank Application Guidelines.

SURFACE PREPARATIONS

Use in accordance with the specification provided.

All surfaces to be coated must 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

For potable water and liquid mud tanks, the entire tank must be blast cleaned to a minimum of Sa2½ (ISO 8501-1:2007).

For other applications, consult your local representative for specific recommendations.

MAJOR REFURBISHMENT

For potable water and liquid mud tanks, the entire tank must be blast cleaned to a minimum of Sa2½ (ISO 8501-1:2007). If oxidation has occurred between blasting and application of Interline 975P, the surface should be reblasted to the specified standard.

For other applications, consult your local representative for specific recommendations.

REPAIR

Consult your local 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)

Epoxy Tank Coating

APPLICATION

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 a power agitator.(2) Agitate Curing Agent (Part B) with a power agitator.(3) Combine entire contents of Curing Agent (Part B) with Base (Part A) and mix thoroughly with power agitator.
Thinner	DO NOT THIN
Airless Spray	Recommended Tip Range 0.53-0.66 mm (21-26 thou) Total output fluid pressure at spray tip not less than 211 kg/cm ² (3000 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 GTA415/GTA822
Work Stoppages and Cleanup	Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with International GTA415/GTA822. 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 GTA415/GTA822. 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:

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

Epoxy Tank Coating

LIMITATIONS

This product will not cure adequately below 10°C. For maximum performance the curing temperature should be kept above 10°C and below 40°C. Thinning is not allowed.

The climatic conditions within the tank must be controlled to maintain a maximum relative humidity of 50% at temperatures between 10-15°C, and a maximum relative humidity of 60% at temperature of 15°C and above.

The drying times and overcoating intervals may alter due to various on-site factors such as tank configuration and ventilation rates. Maximum overcoating intervals may need to be reduced when application takes place in conditions of poor ventilation. Consult International Paint.

When used for potable water tank applications, please review the approval available at www.nsf.org for current listing information.

When used in liquid mud tanks, please consult your International Paint representative regarding compatibility with the specific mud composition to be transported.

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 30°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
	4.5 US gal	3 US gal	5 US gal	1.5 US gal	2 US gal
For availability of other unit sizes consult International Paint					
UNIT SHIPPING WEIGHT (TYPICAL)	Unit Size	Unit Weight			
	4.5 US gal	36.7 lb			
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 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.

All trademarks mentioned in this publication are owned by, or licensed to, the AkzoNobel group of companies.

© AkzoNobel, 2017

www.international-marine.com