Intertuf 203

Vinyl Anticorrosive

PRODUCT DESCRIPTION

A one pack, tar free vinyl anticorrosive which can be used at temperatures down to -5°C.

INTENDED USES

As an anticorrosive for both above and below the waterline and also as a sealer coat over Tributyltin (TBT) antifoulings.
Suitable for use with controlled cathodic protection.
For use at Newbuilding, Maintenance & Repair or On Board Maintenance.

PRODUCT INFORMATION

Colour	JVA202-Aluminium, JVA207-Black
Finish/Sheen	Not applicable
Part B (Curing Agent)	Not applicable
Volume Solids	40% ±2% (ISO 3233:1998)
Mix Ratio	Not applicable
Typical Film Thickness	75 microns dry (188 microns wet)
Theoretical Coverage	5.33 m²/litre at 75 microns dft, allow appropriate loss factors
Method of Application	Airless Spray, Brush, Roller
Flash Point (Typical)	Single Pack 26°C (Product produced and supplied in Korea has a flash point of 21°C due to locally sourced solvent. There is no detrimental effect on product performance)
Induction Period	Not applicable

Drying Information	-5°C	5°C	25°C	35°C
Touch Dry [ISO 9117/3:2010]	4 hrs	4 hrs	2 hrs	60 mins
Hard Dry [ISO 9117-1:2009]	24 hrs	12 hrs	8 hrs	4 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
Interfine 599	16 hrs	7 days	12 hrs	7 days	8 hrs	7 days	5 hrs	7 days
Interlac 665	16 hrs	7 days	12 hrs	7 days	8 hrs	7 days	5 hrs	7 days
Intersheen 579	16 hrs	7 days	12 hrs	7 days	8 hrs	7 days	5 hrs	7 days
Intersmooth 360SPC	16 hrs	7 days	12 hrs	7 days	8 hrs	7 days	5 hrs	7 days
Intersmooth 365SPC	16 hrs	7 days	12 hrs	7 days	8 hrs	7 days	5 hrs	7 days
Intersmooth 7460HS SPC	16 hrs	7 days	12 hrs	7 days	8 hrs	7 days	5 hrs	7 days
Intersmooth 7465HS SPC	16 hrs	7 days	12 hrs	7 days	8 hrs	7 days	5 hrs	7 days
Intersmooth 7465Si SPC	16 hrs	7 days	12 hrs	7 days	8 hrs	7 days	5 hrs	7 days
Interswift 6800HS	16 hrs	14 days	12 hrs	14 days	8 hrs	14 days	5 hrs	14 days
Intertuf 203	16 hrs	6 mths	12 hrs	6 mths	8 hrs	6 mths	4 hrs	6 mths

Note For other antifoulings, consult International Paint.

REGULATORY DATA

VOC

529 g/lt as supplied (EPA Method 24)
498 g/kg of liquid paint as supplied. EU Solvent Emissions Directive (Council Directive 1999/13/EC)
473 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.

Coating hazard marker GB 30981.2-S-Pb≤1000-NC Qualified for GB 30981.2-2025

CERTIFICATION

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

When tested in accordance with ASTM D5108-96 (modified) Intertuf 203 forms a barrier to TBT leaching from an underlying TBTantifouling. Long term testing is ongoing.

Food Contact - Carriage of Grain (NOHH)

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.

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

Where necessary, remove weld spatter and smooth weld seams and sharp edges.
Weld seams and damaged areas should be blast cleaned to Sa2½ (ISO 8501-1:2007) or power tooled to Pt3 (JSRA SPSS:1984)
For PVB and unapproved shop primers, the surface should be blast cleaned to Sa2½ (ISO 8501-1:2007)
For iron oxide epoxy shop primers, ensure the intact primer is clean and dry. Weld seams and damaged areas should be prepared to the specified standard (eg. Sa2½ ISO 8501-1:2001).
For high zinc primers, grit sweep to AS2 International Paint Sweep Blast Standards or power tool to Pt3 (JSRA SPSS:1984).
For blasted areas, the primer should be applied before oxidation occurs. If oxidation does occur, the entire oxidised area should be reblasted to the specified standard above.
On split anticorrosive schemes, where Intertuf 203 has weathered, please consult International Paint.

MAJOR REFURBISHMENT

Abrasive blast clean to Sa2½ (ISO 8501-1:2007). If oxidation has occurred between blasting and application of Intertuf 203, 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.

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)
SSPC-SP11 in place of Pt3 (JSRA SPSS:1984)

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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 0.53-0.66 mm (21-26 thou) Total output fluid pressure at spray tip not less than 211 kg/cm² (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 GTA007
Work Stoppages and Cleanup	Thoroughly flush all equipment with International 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

Optimum performance is achieved when Intertuf 203 is applied over blasted steel.
Intertuf 203, JVA202 aluminium must be specified as the first coat in an anticorrosive system.
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	Vol	Pack
20 lt	20 lt	20 lt
5 US gal	5 US gal	5 US gal

For availability of other unit sizes consult International Paint

UNIT SHIPPING WEIGHT (TYPICAL)

Unit Size	Unit Weight
20 lt	24.04 Kg
5 US gal	50.2 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

JVA204 - Bronze (Mercosul - Argentina, Brazil, Chile & Uruguay only)
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.

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