

PRODUCT DESCRIPTION A high performance, TBT free, polishing antifouling. Enhanced biocide release mechanism. Prevents coating build-up. At subsequent drydockings, it is only necessary to top up the system. Low VOC.

INTENDED USES As a TBT free, polishing antifouling. As a multiple coat system for extended in-service periods. For use at Newbuilding or Maintenance & Repair.

PRODUCT INFORMATION	Colour	BRA640-Red, BRA641-Blue, BRA642-Black, BRA643-Ocean Green, BRA644-Ocean Grey
	Finish/Sheen	Not applicable
	Converter/Curing Agent	One pack
	Volume Solids	62% \pm 2% (ASTM D2697-86)
	Mix Ratio	One pack
	Typical Film Thickness	4.0 mils dry (6.5 mils wet) 4.0-5.0 mils (102-127 microns) dry practical range equivalent to 6.5-8.1 mils (165-206 microns) wet
	Theoretical Coverage	248 (ft ² /US Gal) at 4.0 mils (102 microns) dft, allow appropriate loss factors.
	Method of Application	Airless Spray, Brush, Roller
	Flash Point	Single Pack 79°F (Setaflash) (ASTM D-3278)

Drying Information

	41°F	50°F	77°F	95°F
Touch Dry [ASTM D1640 7.5.1]	12hrs	10hrs	6hrs	4hrs
Before Flooding	3days	3days	2days	24hrs

Overcoating Data - see limitations

	Substrate Temperature							
	41°F		50°F		77°F		95°F	
Overcoated By	Min	Max	Min	Max	Min	Max	Min	Max
Interspeed 640	24hrs	ext	20hrs	ext	12hrs	ext	6hrs	ext

Note: Refer to your International Representative for minimum drying time before flooding at higher dry film thickness and to Limitations section for maximum recommended atmospheric exposure time before flooding.

REGULATORY DATA	VOC	385 g/lit (3.21 lb/US Gal) as supplied (EPA Method 24)
	EPA	Federal EPA Registration No. 2693-142 For specific state registrations contact your International Representative. See Page 4 for additional Regulatory Data.
	MIL SPEC	MIL-PRF-24647C, Type I, CL IA, Gr A & B, Applications 1 & 2

**SYSTEMS AND
COMPATIBILITY**

Consult your International Representative for the system best suited for the surfaces to be protected.

**SURFACE
PREPARATIONS**

Use in accordance with the standard Worldwide Marine Specifications.

Paint only clean, dry surfaces. Remove all grease, oil, soluble contaminants and other foreign matter by "solvent cleaning" (SSPC-SP1).

NEWBUILDING

Dependent on yard procedures. Consult International.

Unpainted surfaces:

Prepare surface and apply recommended primer. Apply one or more coats of Interspeed 640 as specified. (Consult the relevant primer data sheet for surface preparation and overcoating information.)

Recoating and Upgrading of approved systems:

Use controlled close high pressure fresh water washing (minimum 3,000 psi, 211kg/sq. cm.) to clean the entire area, and remove any leached layer at the surface of the existing antifouling system.

Repair corroded areas with the recommended anticorrosive primer and apply a spot coat of Interspeed 640 within the overcoating interval specified for the primer (consult relevant primer data sheet for the surface preparation and overcoating information).

Apply the specified number of full coats of Interspeed 640.

APPLICATION	Apply by airless spray only. Application by other methods, brush or roller, may require more than one coat. Strain material through a minimum 60 mesh screen before application. Apply at 6.5 mils wet (166 microns) which will yield 4.0 mils (102 microns) dry film thickness. Consult the following equipment recommendations and/or utilize suitable equal.
Mixing	This material is a one pack coating. Always mix thoroughly with a power agitator before application.
Thinner	DO NOT THIN BEYOND YOUR STATE'S COMPLIANCY. Material is supplied at spray viscosity and normally does not need thinning. If thinning is necessary, thin up to a maximum of 4 ounces/gal. (118 ml) with International GTA007 Thinner.
Airless Spray	Minimum 28:1 ratio pump; 0.021" - 0.026" (533-661 microns) orifice tip; 3/8" (9.5 mm) ID high pressure material hose; 60 mesh tip filter.
Brush	Use appropriate size China bristle brush.
Roller	Use All Purpose Roller cover with 3/8" (9.5mm) pile smooth to medium nap. Prewash roller cover to remove loose fibers prior to use.
Cleaner	International GTA007
Work Stoppages and Cleanup	Clean all equipment immediately after use with International GTA007. 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	<p>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.</p> <p>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.</p> <p>EMERGENCY CONTACT NUMBERS:</p> <p>USA/Canada - Medical Advisory Number 1-800-854-6813</p> <p>Europe - Contact (44) 191 4696111. For advice to Doctors & Hospitals only contact (44) 207 6359191</p> <p>R.O.W. - Contact Regional Office (see page 4 of Data Sheet)</p>
---------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

LIMITATIONS

Apply in good weather when air and surface temperatures are above 35°F (2°C). Surface temperature must be at least 5°F (3°C) above dew point. For optimum application properties, bring material to 70-80°F (21-27°C) prior to mixing and application. Unmixed material (in closed containers) should be maintained in protected storage between 40 and 100°F (4-38°C).
Prolonged atmospheric exposure of this product may detract from antifouling performance.
Recommended maximum exposure time before flooding:
Temperate conditions - 28 days
Tropical conditions - 7 days
These times may be extended under certain conditions. Contact your International Representative for advice.
Overcoating information is given for guidance only and is subject to regional variation depending upon local climate and environmental conditions. Consult your local International Representative for specific recommendations.
Technical and application data herein is for the purpose of establishing a general guideline of the coating and proper coating application procedures. Test performance results were obtained in a controlled laboratory environment and International 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.
In the overcoating data section 'ext' = extended overcoating period. Please refer to the International Marine Painting Guide - Definitions and Abbreviations available on our website.

ADDITIONAL REGULATORY DATA

It is a violation of federal law to use this product in a manner inconsistent with its labelling.
Refer to container label for information concerning Precautionary Statements, Directions for Use and Storage and Disposal.

UNIT SIZE

5 US gallon unit (18.93 lt)
This product can be made available in other pack sizes. Consult International for details.

UNIT SHIPPING WEIGHT UN SHIPPING NO.

94 lb (42.7 kg)
1263

STORAGE

Shelf Life
24 months minimum from date of manufacture when maintained in protected storage at 40-100°F (4-38°C).
Subject to reinspection thereafter. Store in dry, shaded conditions away from sources of heat and ignition.

WORLDWIDE AVAILABILITY

Consult International.

DISCLAIMER

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 his own risk. All advice we give 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 law) any loss or damage arising out of the use of the product. All products supplied and technical advice given are subject to our standard terms and 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 that this data sheet is current prior to using the product. It is the user's responsibility to check with his local International representative that this data sheet is current prior to using the product.

 and product names mentioned in this data sheet are trademarks of, or licensed to, Akzo Nobel. © Akzo Nobel 2002

Regional Addresses

Head Office	European Region	Asia Region	Australasia Region	North American Region	South American Region
International Coatings Ltd Oriol House 16 Connaught Place London W2 2ZB United Kingdom tel:+44 (0) 207 479 6000 fax:+44 (0) 207 479 6500 www.international-marine.com	International Coatings Ltd Stoneygate Lane Felling, Gateshead Tyne & Wear NE10 0JY United Kingdom tel:+44 (0) 191 469 6111 fax:+44 (0) 191 438 3977	International Coatings Pte Ltd 3 Neythall Road Jurong Town Singapore 628570 tel:+65 6 261 5033 fax:+65 6 264 4612	Akzo Nobel Pty Limited 115 Hyde Road Yeronga, Brisbane Queensland 4104 Australia tel:+61 (0) 7 3892 8888 fax:+61 (0) 7 3892 4287	International Paint Inc 6001 Antoine Drive Houston Texas 77091 United States of America tel:+1 (713) 682 1711 fax:+1 (713) 684 1511	Akzo Nobel Coatings Ltd Av. Paiva 999 - Neves Sao Goncalo/RJ 24426-140 Brazil tel:+55 (0) 21 2624 7100 fax:+55 (0) 21 2624 7125