

Interspeed 340

TBT Free CDP Antifouling

PRODUCT DESCRIPTION A high solids, TBT free, Controlled Depletion Polymer self polishing antifouling system, providing fouling control over extended in service periods depending on trading conditions and specification applied.

INTENDED USES At Maintenance and Repair drydockings for direct application over existing antifoulings in good condition. Also for use at Newbuilding.

PRODUCT INFORMATION	Colour	BQA341-Brown (Base Coat), BQA344-Plum (Top Coat), BQA347-Red (Top Coat)
	Finish/Sheen	Sheen (ISO 2813 : 1978)
	Converter/Curing Agent	Not applicable
	Volume Solids	60% ±2% (ISO 3233:1998)
	Mix Ratio	Not applicable
	Typical Film Thickness	125 microns dry (208 microns wet)
	Theoretical Coverage	4.80 (m ² /lt) at 125 microns dft, allow appropriate loss factors
	Method of Application	Airless Spray, Brush, Roller
	Flash Point	Single Pack 26°C
	Induction Period	Not applicable

Drying Information

	5°C	10°C	23°C	35°C
Touch Dry (ISO 1517:73)	4hrs	3.5hrs	2hrs	1hrs
Before Flooding	24hrs	20hrs	12hrs	12hrs

Overcoating Information

Overcoated by	Substrate Temperature							
	5°C		10°C		23°C		35°C	
	Min	Max	Min	Max	Min	Max	Min	Max
Interspeed 340	12hrs	6mths	10hrs	6mths	6hrs	6mths	4hrs	3mths
Other	12hrs	3mths	10hrs	3mths	6hrs	3mths	4hrs	28days

Note:Overcoating data for Interspeed 340 refers to BQA341 Base Coat followed by BQA344/7 Top Coat. Other, overcoating data refers to BQA344/7 Top Coat followed by BQA344/7 Top Coat. See Limitations section.

REGULATORY DATA VOC

363 g/lt (3.03 lb/gal) as supplied (EPA Method 24)

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SYSTEMS AND COMPATIBILITY

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

SURFACE PREPARATION

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

Dependent on yard procedures. Consult International.

MAJOR REFURBISHMENT

Interspeed 340 (Base Coat) should always be applied over a recommended primer coating scheme.

The primer surface should be dry and free from all contaminations, and Interspeed 340 (Base Coat) 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 8501-1:1988) and primed prior to the application of Interspeed 340 (Base Coat).

REPAIR

CDP (Controlled Depletion Polymer) antifouling can build up a thick leached layer during service which must be removed prior to application of Interspeed 340. To remove this leached layer, treat the entire area by close high pressure fresh water washing using a fan-jet lance held close to the surface (3,000 p.s.i., 211 kg/cm²) as soon as the vessel enters dock and before it dries out. Consult International for alternative methods of surface preparation. Repair corroded areas with the recommended anticorrosive primer system and apply Interspeed 340 (Base Coat) within the overcoating interval specified for the primer (consult relevant primer data sheets). Ensure that the total area is clean and dry, then overcoat with Interspeed 340 (Top Coat). For overcoating TBT copolymer antifouling, always use Interspeed 340 (Base Coat) as the first coat.

Consult your International Representative for specific recommendations.

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APPLICATION

Mixing	This material is a one component coating and should always be mixed thoroughly with a power agitator before application.
Thinner	Not recommended. Use International GTA007 only in exceptional circumstances (max 5% by volume). DO NOT thin more than allowed by local environmental legislation.
Airless Spray	Recommended. - Tip range 0.66 - 0.79mm (26-31 thou) - Total output fluid pressure at spray tip not less than 176 kg/cm ² (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 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

R.O.W. - Contact Regional Office (see page 4 of Data Sheet)

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LIMITATIONS

Consult International for overcoating Interspeed 340 with TBT copolymer antifouling. If the following maximum recommended exposure times before flooding are exceeded, antifouling performance may be impaired:

Base Coat - Temperate conditions - 3 months, Tropical conditions - 1 month

Top Coat - Temperate conditions - 6 months, Tropical conditions - 3 months

On immersion, Interspeed 340 BQA341 will darken in colour, Interspeed 340 BQA344 lightens in colour and Interspeed 340 BQA347 exhibits little colour change.

On exposure, Interspeed 340 will darken in colour, depending upon exposure period and climatic conditions.

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.

Apply in good weather. Temperature of the surface to be coated must be at least 3°C (5°F) above the dew point. For optimum application properties bring the material to 21-27°C (70-80°F), 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 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

20 litres in a 20 litre container

For availability of other unit sizes consult International.

UNIT SHIPPING WEIGHT

20 litre unit (Base Coat): 37.72 kg, 20 litre unit (Top Coat): 41.98 kg

UN SHIPPING NO:

1263

STORAGE

Store in cool dry conditions

Shelf Life

12 months minimum at 25°C (77°F). Subject to re-inspection thereafter. Store in dry, shaded conditions away from sources of heat and ignition.

WORLDWIDE AVAILABILITY

In certain countries, for Newbuilding use, BNA405-Dark Red, BNA406-Light Red and BNA407-Red will be supplied.

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.

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