Intergard 263

Epoxy Tie Coat

PRODUCT DESCRIPTION

A two pack, tar free, epoxy tie coat.

INTENDED USES

As a tie coat between anticorrosives and either antifoulings or cosmetic finishes to ensure maximum system adhesion and performance on outside shell vessel areas.
As a sealer coat over Tributyltin (TBT) antifoulings.
For use at Newbuilding, Maintenance & Repair or On Board Maintenance.

PRODUCT INFORMATION

Color	FAJ034-Light Grey, FAJ035-Buff (See Systems and Compatability section)
Finish/Sheen	Matt
Part B (Curing Agent)	FAA262 (use FAA272 in Europe)
Volume Solids	57% ±2% (ISO 3233:1998)
Mix Ratio	4 volume(s) Part A to 1 volume(s) Part B
Typical Film Thickness	4 mils dry (7 mils wet)
Theoretical Coverage	229 ft²/US gal at 4 mils dft, allow appropriate loss factors
Method of Application	Airless Spray, Brush, Roller
Flash Point	Part A 113°F; Part B 70°F; Mixed 100°F
Induction Period	Not required

Drying Information	23°F	41°F	77°F	95°F
Touch Dry [ISO 9117/3:2010]	24 hrs	12 hrs	6 hrs	4 hrs
Hard Dry [ISO 9117-1:2009]	72 hrs	24 hrs	16 hrs	12 hrs
Pot Life	12 hrs	8 hrs	6 hrs	4 hrs

Overcoating Data - see limitations

	Substrate Temperature							
	23°F		41°F		77°F		95°F	
Overcoated By	Min	Max	Min	Max	Min	Max	Min	Max
Intercept 7000	72 hrs	14 days	24 hrs	14 days	8 hrs	7 days	5 hrs	7 days
Intercept 8500 LPP	72 hrs	14 days	24 hrs	8 days	5 hrs	7 days	5 hrs	7 days
Intergard 263	-	-	36 hrs	42 days	8 hrs	28 days	5 hrs	14 days
Intergard 740	-	-	36 hrs	14 days	8 hrs	14 days	5 hrs	14 days
Intersheen 579	72 hrs	5 days	36 hrs	5 days	8 hrs	5 days	5 hrs	5 days
Intersleek 717	-	-	36 hrs	ext	8 hrs	ext	5 hrs	ext
Intersmooth 7460HS SPC	72 hrs	14 days	24 hrs	8 days	8 hrs	5 days	5 hrs	3 days
Intersmooth 7465Si SPC	72 hrs	14 days	24 hrs	8 days	8 hrs	5 days	5 hrs	3 days
Intersmooth 7475Si SPC	72 hrs	14 days	24 hrs	8 days	8 hrs	5 days	5 hrs	3 days
Interswift 6800HS	72 hrs	7 days	24 hrs	7 days	8 hrs	7 days	5 hrs	7 days
Interthane 990	72 hrs	5 days	36 hrs	5 days	8 hrs	5 days	5 hrs	5 days
Interthane 990E	72 hrs	5 days	36 hrs	5 days	8 hrs	5 days	5 hrs	5 days
Intertuf 203	48 hrs	15 days	24 hrs	15 days	8 hrs	15 days	5 hrs	15 days

Note For Intersmooth 360, 365, 460, 465, 7465HS SPC and 7670 SPC follow the overcoating interval data given for Intersmooth 7460HS SPC.
For Interspeed 6200 and 6400 follow the overcoating interval data given for Intersmooth 7460HS SPC.
Intersleek 717 may only be applied over Intergard 263 in Korea.

REGULATORY DATA

VOC

445 g/lt (3.71 lb/US gal) as supplied (EPA Method 24)
306 g/kg of liquid paint as supplied. EU Solvent Emissions Directive (Council Directive 1999/13/EC)
420 g/lt (3.50 lb/US Gal) Chinese National Standard GB23985

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 color 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) Intergard 263 applied at a dry film thickness of 4.0 mils, forms a barrier to TBT leaching from an underlying TBT antifouling. Long term testing is ongoing.

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.

Intergard 263 should only be applied over epoxy anticorrosive primers. The primer to be used will depend upon vessel area and application locations. Typical primers include:

Intergard 343
Intershield 300
Intershield 803
Intertuf 262
Intertuf 362

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.

Intergard 263 should always be applied over a recommended primer coating system.
Intergard 263 should be used in accordance with the specification given by International Paint.
The primer surface should be dry and free of all contamination (oil, grease, salt etc.) and overcoated with Intergard 263 within the overcoating intervals specified. Consult the relevant primer data sheet.

Consult your International Paint representative for specific recommendations.

Intergard 263

Epoxy Tie Coat

APPLICATION

Mixing	Material is supplied in 2 containers as a unit. Always mix a complete unit in the proportions supplied. (1) Agitate Base (Part A) with a power agitator. (2) Combine entire contents of Curing Agent (Part B) with Base (Part A) and mix thoroughly with power agitator.
Thinner	International GTA220. Thinning is not normally required. Consult the local representative for advice during application in extreme conditions. Do not thin more than allowed by local environmental legislation.
Airless Spray	Tip Range 18-26 thou (0.46-0.66 mm) Total output fluid pressure at spray tip not less than 2500 psi (176 kg/cm²)
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 GTA220/GTA822. Choice of cleaner maybe subject to local legislation. Please consult your local representative for specific advice.
Work Stoppages and Cleanup	Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with International GTA220/GTA822 or International GTA415. 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 GTA220/GTA822 or International GTA415. 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 vapor 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

Intergard 263

Epoxy Tie Coat

LIMITATIONS

Spot Repair - The Intertuf 262/Intergard 263 system may be used for the spot repair of existing epoxy, coal tar epoxy, chlorinated rubber, vinyl tar and tar-free vinyl substrates. Feathered overlap areas must be kept to a minimum. Consult International Paint. The Intertuf 262/Intergard 263 system is not suitable for repair of bituminous substrates.
Upgrade - Intertuf 262/Intergard 263 may be used for the upgrade of existing epoxy, coal tar epoxy and chlorinated rubber substrates. Consult International Paint.
Substrates not suitable for upgrading:- vinyl tar, tar-free vinyl, bituminous.
Intergard 263 may be applied at substrate temperatures down to 5°F. Before applications are made below 23°F consult your local IP representative for further detail of application procedure.

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. For application in Korea (including extended intervals with Interthane 989), consult your International Paint representative.
Apply in good weather. Temperature of the surface to be coated must be at least 5°F above the dew point. For optimum application properties bring the material to 70°F-81°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 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
20 lt	16 lt	20 lt	4 lt	5 lt
5 US gal	4 US gal	5 US gal	1 US gal	1 US gal

For availability of other unit sizes consult International Paint

UNIT SHIPPING WEIGHT

Unit Size	Unit Weight
20 lt	30.44 Kg
5 US gal	61.8 lb

STORAGE

Shelf Life	18 months at 77°F (25°C). Subject to reinspection thereafter. Store in dry, shaded conditions away from sources of heat and ignition.

WORLDWIDE AVAILABILITY

FAJ035-Buff is not available in North America
Other colors may be available in specific countries, 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, 2026

www.international-marine.com