Intertuf 262

Epoxy Anticorrosive

PRODUCT DESCRIPTION

A surface tolerant, two pack epoxy primer.

INTENDED USES

As an epoxy anticorrosive coating for use from Keel to Rail.
Suitable for use with controlled cathodic protection.
For use at Newbuilding, Maintenance & Repair or On Board Maintenance.

PRODUCT INFORMATION

Color	KHA303-Red
Finish/Sheen	Matt
Part B (Curing Agent)	KHA062
Volume Solids	73% ±2% (ISO 3233:1998)
Mix Ratio	4.00 volume(s) Part A to 1 volume(s) Part B
Typical Film Thickness	5 mils dry (6.8 mils wet)
Theoretical Coverage	234 ft²/US gal at 5 mils dft, allow appropriate loss factors
Method of Application	Airless Spray, Brush, Roller
Flash Point	Part A 82°F; Part B 93°F; Mixed 84°F
Induction Period	None required

Drying Information	41°F	50°F	77°F	95°F
Touch Dry [ISO 9117/3:2010]	9 hrs	7 hrs	4 hrs	3 hrs
Hard Dry [ISO 9117-1:2009]	47 hrs	29 hrs	9 hrs	5 hrs
Pot Life	8 hrs	7 hrs	4 hrs	2 hrs

Overcoating Data - see limitations

	Substrate Temperature							
	41°F		50°F		77°F		95°F	
Overcoated By	Min	Max	Min	Max	Min	Max	Min	Max
Interbond 201	24 hrs	28 days	18 hrs	28 days	8 hrs	28 days	4 hrs	15 days
Interbond 501	24 hrs	21 days	18 hrs	21 days	6 hrs	21 days	4 hrs	21 days
Intergard 263	24 hrs	21 days	16 hrs	21 days	6 hrs	21 days	4 hrs	21 days
Intergard 282	24 hrs	14 days	16 hrs	14 days	6 hrs	14 days	4 hrs	14 days
Intergard 740	24 hrs	28 days	18 hrs	20 days	6 hrs	14 days	4 hrs	7 days
Intertuf 262	24 hrs	28 days	18 hrs	28 days	6 hrs	28 days	4 hrs	15 days

Note The overcoating data above for Interbond 201 applies to the **Temperate** version only.

REGULATORY DATA

VOC

279 g/lt (2.33 lb/US gal) as supplied (EPA Method 24)
229 g/kg of liquid paint as supplied. EU Solvent Emissions Directive (Council Directive 1999/13/EC)
243 g/lt (2.03 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 material has the following certification:

- Food Contact - Carriage of Grain (NOHH)
- Fire Resistance - Surface Spread of Flame (Exova Warringtonfire)
- Fire Resistance - Smoke & Toxicity (Exova Warringtonfire)
- Fire Resistance - Marine Equipment Directive compliant

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.
Intertuf 262 can be applied over Intergard 269, when used as a holding primer to protect the blast. The primer surface should be dry and free from all contamination and Intertuf 262 must be applied within the overcoating interval specified (consult the Intergard 269 product data sheet).

NEWBUILDING

Where necessary, remove weld spatter and smooth weld seams and sharp edges.
Welds and damaged areas should be blast cleaned to Sa2½ (ISO 8501-1:2007).
For PVB and unapproved shop primers, the surface should be blast cleaned to Sa2½ (ISO 8501-1:2007) or power tooled to Pt3 (JSRA SPSS:1984)
Intact zinc silicate shop primers should be prepared by sweep blasting to International Paint standard AS2 or by power tooling to Pt3 (JSRA SPSS:1984).
For iron oxide epoxy shop primers, ensure the intact primer is clean and dry.

MAJOR REFURBISHMENT

Underwater Hull/Boottop/Topsides

Abrasive blast clean to Sa2 (ISO 8501-1:2007). If oxidation has occurred between blasting and application of Intertuf 262, 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.
Intertuf 262 may be applied to surfaces prepared to International Paint Hydroblasting Standard HB2 which have flash rusted to no worse than HB2M. Hydroblasting is only recommended for underwater hull, above water and topside areas.
Intertuf 262 may be applied to surfaces prepared to International Paint Slurry Blasting Standard SB2 where flash rust is no worse than SB2M. Slurry blasting is only recommended for underwater hull, above water and topside areas.
Intertuf 262 may be applied using a wash/blast/wash surface preparation method:
- High pressure (minimum 3000 psi) fresh water wash
- Abrasive blast clean to Sa2 (ISO 8501-1:2007)
- Carry out a second high pressure (minimum 3000 psi) fresh water wash
- Residual salt level must be below 10µg/cm²
- Visual standard of flash rusting must correspond to no worse than HB2M

REPAIR

Consult International Paint.

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-SP6 in place of Sa2 (ISO 8501-1:2007)
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	Material is supplied in two containers as a unit. Always mix a complete unit in the portions supplied. Once the unit has been mixed it must be used within the working pot life specified. (1) Agitate Base (Part A) with 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	Recommended Tip Range 21-33 thou (0.53-0.84 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. 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. 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

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LIMITATIONS

A system of Intertuf 262 followed by Intergard 263 may be used for the spot repair or upgrade of the following substrates:
Spot Repair (Suitable Substrates): - Epoxy, Coal Tar Epoxy, Chlorinated Rubber, Vinyl Tar, Tar-free Vin
Substrates not suitable for repair : - Bituminous
Upgrade (Suitable Substrates): - Epoxy, Coal Tar Epoxy, Chlorinated Rubbe
Substrates not suitable for upgrading:- Vinyl Tar, Tar-free Vinyl, Bituminou
Feathered overlap areas must be kept to a minimum.
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 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.
Under certain climatic conditions, particularly at low temperature and high humidity, amine bloom can occur on the coating surface during drying. In order to prevent this, an induction period of 30 minutes is recommended between mixing and paint application at temperatures below 77°F.

UNIT SIZE

Unit Size	Part A		Part B	
	Vol	Pack	Vol	Pack
20 lt	16 lt	20 lt	4 lt	5 lt

For availability of other unit sizes consult International Paint

UNIT SHIPPING WEIGHT

Unit Size	Unit Weight
20 lt	29.03 Kg

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

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.

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