

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

Colour	KHA303-Red
Finish/Sheen	Matt
Converter/Curing Agent	KHA062
Volume Solids	73% ±2% (ISO 3233:1998)
Mix Ratio	4.00 volumes Part A to 1 volume Part B
Typical Film Thickness	125 microns dry (171 microns wet)
Theoretical Coverage	5.84 (m ² /lt) at 125 microns dft, allow appropriate loss factors
Method of Application	Airless Spray, Brush, Roller
Flash Point	Part A 28°C ; Part B 34°C ; Mixed 29°C
Induction Period	None required

Drying Information

	5°C	10°C	25°C	35°C
Touch Dry [ISO 1517:73]	9hrs	7hrs	4hrs	3hrs
Hard Dry [ISO 9117:90]	47hrs	29hrs	9hrs	5hrs
Pot Life	8hrs	7hrs	4hrs	2hrs

Overcoating Data - see limitations

Overcoated By	Substrate Temperature							
	5°C		10°C		25°C		35°C	
	Min	Max	Min	Max	Min	Max	Min	Max
Interbond 201	24hrs	28days	18hrs	28days	8hrs	28days	4hrs	15days
Interbond 501	24hrs	21days	18hrs	21days	6hrs	21days	4hrs	21days
Intergard 263	24hrs	21days	16hrs	21days	6hrs	21days	4hrs	21days
Intergard 740	24hrs	28days	18hrs	20days	6hrs	14days	4hrs	7days
Intertuf 262	24hrs	28days	18hrs	28days	6hrs	28days	4hrs	15days

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

REGULATORY DATA

VOC	279 g/lt as supplied (EPA Method 24) 229 g/kg EU Solvent Emissions Directive (Council Directive 1999/13/EC)
------------	--

CERTIFICATION

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

- Food Contact - Carriage of Grain (NOHA)
- Fire Resistance - Surface Spread of Flame (WFR) - (IMO Resolution A653 (16))
- Fire Resistance - MSC61(67) Smoke & Toxicity (WFR)
- Fire Resistance - Marine Equipment Directive compliant
- Food Contact - FDA Compliant: Dry Foodstuffs

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 8501-1:1988).

For PVB and unapproved shop primers, the surface should be blast cleaned to Sa2½ (ISO 8501-1:1988) 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 8501-1:1988). 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.

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 8501-1:1988)
- 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 8501-1:1988)

SSPC-SP10 in place of Sa2½ (ISO 8501-1:1988)

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

APPLICATION

Mixing	Material is supplied in two containers as a unit. Always mix a complete unit in the proportions supplied. Once the unit has been mixed it must be used within the working pot life specified. (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	Not recommended. Use International GTA220 only in exceptional circumstances (max 5% by volume). DO NOT thin more than allowed by local environmental legislation.
Airless Spray	Recommended. - Tip range 0.53 - 0.84mm (21-33 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 GTA822
Work Stoppages and Cleanup	Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with International 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 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 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

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 Vinyl
Substrates not suitable for repair : - Bituminous

Upgrade (Suitable Substrates): - Epoxy, Coal Tar Epoxy, Chlorinated Rubber

Substrates not suitable for upgrading:- Vinyl Tar, Tar-free Vinyl, Bituminous

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 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 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

20 litre unit: Intertuf 262, Part A, 16 litres in a 20 litre container and Part B, 4 litres in a 5 litre container.
For availability of other unit sizes consult International Paint.

UNIT SHIPPING WEIGHT

20 litre unit: 29.03 kg

STORAGE


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

An aluminium reinforced version KHA308-Red Aluminium is available in Spain only.
Other colours 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 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 Paint representative that this data sheet is current prior to using the product.

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

© Akzo Nobel, 2006

Worldwide Operations

Argentina, Australia, Bahrain, Belgium, Brazil, Bulgaria, Canada, Chile, Colombia, Croatia, Cuba, Cyprus, Denmark, Ecuador, Egypt, Estonia, Fiji, Finland, France, Germany, Greece, Hong Kong, Iceland, India, Indonesia, Iran, Italy, Japan, Kuwait, Latvia, Lithuania, Luxembourg, Malaysia, Malta, Mexico, Netherlands, New Zealand, Northern Ireland, Norway, Pakistan, Panama, Papua New Guinea, Peoples Republic of China, Peru, Philippines, Poland, Portugal, Qatar, Republic of Ireland, Romania, Russia, Saudi Arabia, Singapore, Slovenia, South Africa, South Korea, Spain, Sri Lanka, Sweden, Taiwan, Thailand, Turkey, U.S.A., Ukraine, United Arab Emirates, United Kingdom, Uruguay, Venezuela, Vietnam, Western Samoa, Yemen

Head Office

International Paint 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