# Intergard 7600

## Pure Epoxy Universal Primer

**PRODUCT DESCRIPTION**

A light coloured, pure epoxy universal primer with good abrasion resistance and anticorrosive properties. Suitable for application at low temperatures.

**INTENDED USES**

As a universal primer which can be applied directly to mechanically prepared shop primer. Suitable for use with controlled cathodic protection.
For use at Newbuilding, Maintenance & Repair or On Board Maintenance.

**PRODUCT INFORMATION**

| | |
|---|---|
| **Colour** | KUA760-Red Aluminium, KUA761-Red, KUA763-Grey, KUA765-Grey Aluminium, KUA769-Black, KUA766-Off White |
| **Finish/Sheen** | Not applicable |
| **Part B (Curing Agent)** | KUA764 |
| **Volume Solids** | 68% ±2% (ISO 3233:1998) |
| **Mix Ratio** | 3 volume(s) Part A to 1 volume(s) Part B |
| **Typical Film Thickness** | 125 microns dry (184 microns wet). Range 100 - 200 microns dry (147 - 294 microns wet) may be specified depending upon end use. |
| **Theoretical Coverage** | 5.44 m²/litre at 125 microns dft, allow appropriate loss factors |
| **Method of Application** | Airless Spray, Brush, Roller |
| **Flash Point (Typical)** | Part A 28°C; Part B 27°C; Mixed 29°C |

| **Drying Information** | -5°C | 5°C | 25°C | 35°C |
|---|---|---|---|---|
| Touch Dry [ISO 9117/3:2010] | 4 hrs | 3 hrs | 60 mins | 50 mins |
| Hard Dry [ISO 9117-1:2009] | 25 hrs | 16 hrs | 3 hrs | 2 hrs |
| Pot Life | 6 hrs | 5 hrs | 2 hrs | 50 mins |

**Overcoating Data - see limitations**

| | **Substrate Temperature** | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | -5°C | | 5°C | | 25°C | | 35°C | |
| **Overcoated By** | Min | Max | Min | Max | Min | Max | Min | Max |
| Interfine 691 | 25 hrs | 28 days | 16 hrs | 21 days | 3 hrs | 3 days | 2 hrs | 1 days |
| Interfine 979 | 25 hrs | 14 days | 16 hrs | 14 days | 3 hrs | 7 days | 2 hrs | 3 days |
| Intergard 263 | 25 hrs | 3 mths | 16 hrs | 3 mths | 3 hrs | 3 mths | 2 hrs | 3 mths |
| Intergard 269 | 25 hrs | 6 mths | 16 hrs | 6 mths | 3 hrs | 6 mths | 2 hrs | 6 mths |
| Intergard 276 | 25 hrs | 6 mths | 16 hrs | 6 mths | 3 hrs | 6 mths | 2 hrs | 6 mths |
| Intergard 410 Immersed Areas | 25 hrs | 2 mths | 16 hrs | 2 mths | 3 hrs | 2 mths | 2 hrs | 2 mths |
| Intergard 410 Non Immersed Areas | 25 hrs | 3 mths | 16 hrs | 3 mths | 3 hrs | 3 mths | 2 hrs | 3 mths |
| Intergard 740 | 25 hrs | 14 days | 16 hrs | 14 days | 3 hrs | 14 days | 2 hrs | 14 days |
| Intergard 7600 Immersed Areas | 25 hrs | 2 mths | 16 hrs | 2 mths | 3 hrs | 2 mths | 2 hrs | 2 mths |
| Intergard 7600 Non Immersed Areas | 25 hrs | 6 mths | 16 hrs | 6 mths | 3 hrs | 6 mths | 2 hrs | 6 mths |
| Interlac 665 | 25 hrs | 4 days | 16 hrs | 4 days | 3 hrs | 4 days | 2 hrs | 4 days |
| Intersheen 579 | 25 hrs | 3 days | 16 hrs | 3 days | 3 hrs | 24 hrs | 2 hrs | 24 hrs |
| Intersleek 731 | - | - | - | - | 4.5 hrs | 48 hrs | 3 hrs | 48 hrs |
| Intersleek 737 | - | - | - | - | 4.5 hrs | 48 hrs | 3 hrs | 48 hrs |
| Interthane 990 | 25 hrs | 7 days | 16 hrs | 7 days | 3 hrs | 4 days | 2 hrs | 4 days |
| Interthane 990E | 25 hrs | 7 days | 16 hrs | 7 days | 3 hrs | 4 days | 2 hrs | 4 days |

**Note** Under certain environmental conditions an extension of the **maximum** overcoating interval for immersed self/self and Intergard 7600/Interlac 665 schemes can be considered. Consult your local representative for guidance.
Intergard 7600 may be overcoated with Intersleek 731 above 15°C. At 15°C, the minimum interval being 5 hours and the maximum being 48 hours.
Intergard 7600 may be overcoated with Intersleek 737 above 10°C. At 10°C, the minimum interval being 5 hours and the maximum being 48 hours.

**REGULATORY DATA**

**VOC**

298 g/lt as supplied (EPA Method 24)
203 g/kg of liquid paint as supplied. EU Solvent Emissions Directive (Council Directive 1999/13/EC)
272 g/lt 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 colour and normal manufacturing tolerances.

Coating hazard marker GB 30981.2-S-Pb≤1000-NC Qualified for GB 30981.2-2025

# Intergard 7600

## Pure Epoxy Universal Primer

**CERTIFICATION**

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

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

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.

**NEWBUILDING**

Where necessary, remove weld spatter and smooth weld seams and sharp edges.
Weld seams and areas of shop primer damage or breakdown should be blast cleaned to Sa2½ (ISO 8501-1:2007) or power tooled to Pt3 (JSRA SPSS:1984).
Intact, approved, shop primers must be clean, dry and free from soluble salts and any other surface contaminants. Unapproved shop primers will require complete removal by blast cleaning to Sa2½ (ISO 8501-1:2007). In some cases sweep blasting to a defined International Paint standard (eg AS2 or AS3) may be acceptable. Consult your International Paint representative for specific recommendations.

**MAJOR REFURBISHMENT**

Abrasive blast clean to Sa2 (ISO 8501-1:2007). If oxidation has occurred between blasting and application of Intergard 7600, 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.
Or
International Paint Hydroblasting Standard HB2 where flash rust is no worse than HB2M. Hydroblasting is only recommended for underwater hull, above water or topside areas.
Or
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.

**REPAIR/OBM**

Consult International Paint.

**NOTE**

**For use in Marine situations in North America, the following surface preparation standards can be used:**
**SSPC-SP10 in place of Sa2½ (ISO 8501-1:2007)**
**SSPC-SP6 in place of Sa2 (ISO 8501-1:2007)**
**SSPC-SP11 in place of Pt3 (JSRA SPSS:1984)**

# Intergard 7600

## Pure Epoxy Universal Primer

**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.<br>(1) Agitate Base (Part A) with power agitator.<br>(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<br>Tip Range 0.66-0.79 mm (26-31 thou)<br>Total output fluid pressure at spray tip not less than 211 kg/cm² (3000 p.s.i.) |
| **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. 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 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.<br>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.<br>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**
**China – Contact (86) 532 83889090**
**R.O.W. - Contact Regional Office**

**LIMITATIONS**

Intergard 7600 should be high pressure fresh water washed and/or solvent washed prior to overcoating, where necessary, to ensure removal of any surface contamination that has accumulated.

Intergard 7600 may be applied at substrate temperatures down to -5°C, however consideration should be given when overcoating at low temperatures as the remainder of the system may require higher temperatures to achieve full cure.

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 above the dew point. For optimum application properties bring the material to 21-27°C, 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 | 15 lt | 20 lt | 5 lt | 5 lt |

For availability of other unit sizes consult International Paint

**UNIT SHIPPING WEIGHT (TYPICAL)**

| Unit Size | Unit Weight |
|---|---|
| 20 lt | 32 Kg |

**STORAGE**

Shelf Life: 15 months at 25°C. Subject to re-inspection thereafter. Store in dry, shaded conditions at temperatures away from sources of heat and ignition.

**WORLDWIDE AVAILABILITY**

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