

## Ultra Lightweight Epoxy Underlayment

**PRODUCT DESCRIPTION** A three pack, self-levelling, zero VOC, ultra lightweight epoxy underlayment with excellent anticorrosive properties usable with or without primers.

**INTENDED USES** As a self-levelling ultra lightweight underlayment for interior and exterior deck systems. For use at Newbuilding or Maintenance & Repair.

<b>PRODUCT INFORMATION</b>	<b>Colour</b>	EGA760-Buff
	<b>Finish/Sheen</b>	Not applicable
	<b>Part B (Curing Agent)</b>	EGA764 (Part B), EGA765 (Part C)
	<b>Volume Solids</b>	100% (ASTM D2697-86)
	<b>Mix Ratio</b>	1.53 volume(s) Part A to 1 volume(s) Part B to 1.47 volume(s) Part C
	<b>Typical Film Thickness</b>	3125 microns dry (3125 microns wet), 1250 - 6250 microns dry practical range
	<b>Theoretical Coverage</b>	0.32 m <sup>2</sup> /litre at 3125 microns dft, allow appropriate loss factors
	<b>Method of Application</b>	Trowel, Squeegee
	<b>Flash Point (Typical)</b>	Part A 93°C; Part B 83°C; Part C - N/A (Setaflash) (ASTM D-3278)
	<b>Induction Period</b>	Not applicable

<b>Drying Information</b>	10°C	15°C	25°C	35°C
Touch Dry [ISO 9117/3:2010]	16 hrs	12 hrs	6 hrs	4 hrs
Hard Dry [ISO 9117-1:2009]	40 hrs	20 hrs	12 hrs	9 hrs
Pot Life	60 mins	45 mins	25 mins	15 mins

**Note** Drying times and pot life will vary with ambient temperature and/or relative humidity change.

<b>Overcoating Data - see limitations</b>	<b>Substrate Temperature</b>							
	10°C		15°C		25°C		35°C	
	Min	Max	Min	Max	Min	Max	Min	Max
<b>Overcoated By</b>								
Intergard 621	40 hrs	28 days	20 hrs	21 days	12 hrs	14 days	9 hrs	7 days
Intershield 5150LWT	40 hrs	28 days	20 hrs	21 days	12 hrs	14 days	9 hrs	7 days
Intershield 7100LWT	40 hrs	7 days	20 hrs	7 days	12 hrs	7 days	9 hrs	7 days
Intershield 803	40 hrs	28 days	20 hrs	21 days	12 hrs	14 days	9 hrs	7 days
Interthane 990	40 hrs	28 days	20 hrs	21 days	12 hrs	14 days	9 hrs	7 days

**Note** For Interthane 990HS follow Interthane 990 overcoating data.

**REGULATORY DATA** **VOC** 0 g/lit as supplied (EPA Method 24)

**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.

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### SYSTEMS AND COMPATIBILITY

Consult your International Paint representative for the system best suited for the surfaces to be protected. Refer to International Paint Coating Application Guidelines for additional information.

### TYPICAL SYSTEMS:

Interbond 998 or Intershield 300HS or Intergard 264 / Intershield 7100LWT  
Intershield 7100LWT can be overlaid with carpet, tile or approved finish coats  
Intershield 7100LWT can also be applied direct to metal without the primer

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### SURFACE PREPARATIONS

Paint only clean, dry surfaces. Remove all grease, oil, soluble contaminants and other foreign matter by "solvent cleaning" (SSPC-SP1).

Intershield 7100LWT is designed specifically for use as a self levelling underlayment that should be applied to properly prepared primer or direct to metal. Consult the relevant product data sheets for surface preparation and overcoating information.

Consult your International Paint representative for specific recommendations.

For application over shop primer, please contact your local IP representative.

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**APPLICATION** Apply by squeegee or notched trowel.  
Apply mixed material to the properly prepared surface. For greater control of underlayment thickness utilize a notched trowel or squeegee with set pin height.  
Recoat schedule must be adhered to. Surfaces must be abraded prior to applying additional coats if maximum recoat time has been exceeded.

**Mixing** Do not proportion material and do not mix until ready for use. Material is supplied in 3 containers as a unit. Always mix a complete unit in the proportions supplied.  
(1) Agitate Part A with a power agitator  
(2) Combine entire contents of Part A and Part B into Part C and mix thoroughly with a power agitator for 2 minutes by keeping mixing blade immersed in liquid (at bottom portion of the container). Continue mixing until beads are fully and evenly incorporated. Mix for 1 additional minute by moving the blade up and down with a good vortex.

**Thinner** DO NOT THIN !

**Brush** Not applicable

**Roller** Not applicable

**Work Stoppages and Cleanup** Clean all equipment immediately after use with International GTA415 Thinner.  
Monitor material condition. Do not exceed pot life limitations.

**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**

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### LIMITATIONS

Apply in good weather when air and surface temperatures are above 10°C. Surface temperatures must be at least 3°C above dew point. For optimum application properties, bring material to 21-27°C temperature range prior to mixing and application.

Unmixed material (in closed containers) should be maintained in protected storage between 10-38°C.

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. Technical and application data herein is for the purpose of establishing a general guideline of the coating and proper coating application guidelines. 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 actually 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		Part C	
		Vol	Pack	Vol	Pack	Vol	Pack
	4 US gal	1.53 US gal	2 US gal	1 US gal	1 US gal	1.47 US gal	5 US gal
For availability of other unit sizes consult International Paint							

UNIT SHIPPING WEIGHT (TYPICAL)	Unit Size	Unit Weight
		4 US gal

STORAGE	Shelf Life	12 months minimum from date of manufacture when maintained in protected storage at 4-38°C. Subject to reinspection thereafter. Store in dry, shaded conditions 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](http://www.international-marine.com) or [www.international-pc.com](http://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.*

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