

# Interlac 665

Alkyd

## Product Description

A single component alkyd gloss enamel finish.

## Intended Uses

Maintenance coating for use in a wide range of industrial environments including offshore, petrochemical and chemical plants.

Suitable for areas of limited chemical exposure where an economical single pack finish coat is required.

As a cosmetic finish coat for alkyd based systems intended for both interior and exterior exposure.

## Practical Information for Interlac 665

<b>Colour</b>	Wide range of colours via the Chromascan system
<b>Gloss Level</b>	High Gloss
<b>Volume Solids</b>	48% ± 3% (depends upon colour)
<b>Typical Thickness</b>	40-50 microns (1.5-2.0 mils) dry equivalent to 83-104 microns (3.3-4.2 mils) wet
<b>Theoretical Coverage</b>	12 m <sup>2</sup> /litre at 40 microns d.f.t and 48% volume solids 513 sq.ft/US gallon at 1.5 mils d.f.t and 48% volume solids
<b>Practical Coverage</b>	Allow appropriate loss factors
<b>Method of Application</b>	Airless spray, Air spray, Brush and Roller

### Drying Time

Temperature	Touch Dry	Hard Dry	Overcoating Interval with recommended topcoats	
			<i>Minimum</i>	<i>Maximum</i>
10°C (50°F)	14 hours	48 hours	24 hours	Extended*
15°C (59°F)	10 hours	36 hours	24 hours	Extended*
25°C (77°F)	6 hours	24 hours	24 hours	Extended*
40°C (104°F)	4 hours	8 hours	14 hours	Extended*

\*See International Protective Coatings Definitions & Abbreviations

## Regulatory Data

<b>Flash Point</b>	36°C (97°F)
<b>Product Weight</b>	0.94-1.23 kg/l (7.84-10.26 lb/gal)
<b>VOC</b>	410 g/l UK - PG6/23(92), Appendix 3 3.5 lb/gal (420 g/l) USA - EPA Method 24

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## Surface Preparation

All surfaces to be coated should be clean, dry and free from contamination. Prior to paint application all surfaces should be assessed and treated in accordance with ISO 8504:1992.

### Primed Surfaces

Interlac 665 should always be applied over a recommended anti-corrosive coating system. The primer surface should be dry and free from all contamination, and Interlac 665 must be applied within the overcoating intervals specified (consult the relevant product data sheet).

Areas of breakdown, damage etc., should be prepared to the specified standard (e.g. Sa2½ (ISO 8501-1:1988), or SSPC-SP6, Abrasive Blasting, or SSPC-SP11, Hand/Power Cleaning) and patch primed prior to the application of Interlac 665.

## Application

Mixing	This material is a one component coating and should always be mixed thoroughly with a power agitator before application.		
Mix Ratio	Not applicable		
Working Pot Life	Not applicable		
Airless Spray	Recommended	- Tip range 0.33-0.48 mm (13-19 thou). - Total output fluid pressure at spray tip not less than 141 kg/cm² (2,000 p.s.i.)	
Air Spray (Pressure Pot)	Recommended	Gun	DeVilbiss MBC or JGA
		Air Cap	704 or 765
		Fluid Tip	E
Brush	Recommended	Typically 25-40 microns (1.0-1.5 mils) can be achieved	
Roller	Recommended	Typically 25-40 microns (1.0-1.5 mils) can be achieved	
Thinner	International GTA004	Do not thin more than allowed by local environmental legislation.	
Cleaner	International GTA004		
Work Stoppages	Thoroughly flush all equipment with International GTA004. All unused material should be stored in tightly closed containers. Partially filled containers may show surface skinning and/or a viscosity increase of the material after storage. Material should be filtered prior to use.		
Clean Up	Clean all equipment immediately after use with International GTA004. 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.  All surplus materials and empty containers should be disposed of in accordance with appropriate regional regulations/legislation.		

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## Product Characteristics

Interlac 665 is designed primarily for site application. Airless spray application at factory can easily lead to over-application with slow through drying and difficulty in handling. Over-application can also cause wrinkling on overcoating after ageing. Alternative alkyd finishes are available which are more suitable for factory use. Contact International Protective Coatings for information on these products.

Level of sheen and surface finish is dependent on application method. Avoid using a mixture of application methods whenever possible.

As with all alkyd systems, Interlac 665 has limited chemical and solvent resistance and is not suitable for use in immersion situations or in conditions of continuous condensation.

Interlac 665 is not designed for application over epoxies or polyurethanes, and should not be applied over zinc based primers because of dangers of saponification of the alkyd resin and consequent adhesion loss.

For brush and roller application, and in some colours such as yellows and reds, two coats of Interlac 665 may be required to give uniform coverage.

Available in a wide range of colours produced via the Chromascan system.

Due to local transportation regulations and locally sourced mineral spirits, this product has a flashpoint of 41°C (106°F) in the USA . There is no detrimental effect on product performance.

## Systems Compatibility

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Interlac 665 is only suitable for application over alkyd or oleoresinous priming systems, e.g.:

Interprime 198

Aged Interlac 665 systems can be upgraded by direct application of Interseal 670 HS.

Interlac 665 is only suitable for overcoating with itself or other mineral spirits based primers or finishes.

For other suitable primers consult International Protective Coatings.

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## Additional Information

Further information regarding industry standards, terms and abbreviations used in this data sheet can be found in the following sections of the International Protective Coatings data manual:

- Definitions & Abbreviations
- Surface Preparation
- Paint Application
- Theoretical & Practical Coverage

Individual copies of these information sections are available upon request.

## Safety Precautions

This product is intended for use only by professional applicators in industrial situations in accordance with the advice given on this sheet, the Material Safety Data Sheet and the container(s), and should not be used without reference to the Material Safety Data Sheet (MSDS) which International Protective Coatings has provided to its customers.

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.

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.

If in doubt regarding the suitability of use of this product, consult International Protective Coatings for further advice.

### Pack Size

20 litre unit      20 litres in a 20 litre container  
5 gallon Unit      5 gallons in a 5 gallon container

For availability of other pack sizes contact International Protective Coatings

### Shipping Weight

U.N. Shipping No. 1263

20 litre unit      24.2 kg      (53.4 lb)  
5 gallon unit      22.4 kg      (49.5 lb)

### Storage

Shelf Life      24 months minimum at 25°C (77°F). Subject to re-inspection thereafter. Store in dry, shaded conditions away from sources of heat and ignition.

## Disclaimer

*The information given in this sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this 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. Any warranty, if given, or specific Terms & Conditions of Sale are contained in International's Terms & Conditions of Sale, a copy of which can be obtained on request. Whilst we endeavour to ensure that all advice we give about the product (whether in this sheet or otherwise) is correct we have no control over either the quality or 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 whatsoever or howsoever arising for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of the use of the product. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.*

*It is the user's responsibility to check that this sheet is current prior to using the product. Issue date: 20/06/2002*

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