

Interlac® 665FD

Alkyd



PRODUCT DESCRIPTION

A quick drying alkyd high gloss enamel available in a wide range of colors.

INTENDED USES

Used as a high gloss enamel finish for interior and exterior applications. Suitable for mild industrial and commercial environments. Particularly suited for fabrication facility application.

PRACTICAL INFORMATION FOR INTERLAC 665FD

Color	Wide range via the Chromascan® system
Gloss Level	Gloss
Volume Solids	37%
Typical Thickness	1.5-2 mils (38-50 microns) dry equivalent to 4.1-5.4 mils (103-135 microns) wet

Theoretical Coverage 390 sq.ft/US gallon at 1.5 mils d.f.t and stated volume solids
9.70 m²/liter at 38 microns d.f.t and stated volume solids

Practical Coverage Allow appropriate loss factors

Method of Application Airless Spray, Brush, Roller

Drying Time

Overcoating Interval with recommended topcoats

Temperature	Touch Dry	Hard Dry	Minimum	Maximum
50°F (10°C)	1.5 hours	20 hours	24 hours	Extended ¹
59°F (15°C)	1 hour	16 hours	24 hours	Extended ¹
77°F (25°C)	30 minutes	5 hours	20 hours	Extended ¹
104°F (40°C)	15 minutes	2 hours	6 hours	Extended ¹

¹ See International Protective Coatings Definitions & Abbreviations

REGULATORY DATA

Flash Point 79°F (26°C)

Product Weight 10.0 lb/gal (1.20 kg/l)

VOC 4.49 lb/gal (539 g/l) USA - EPA Method 24

See Product Characteristics section.

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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 8504:2000.

Interlac 665FD should always be applied over a recommended anti-corrosive coating scheme. The primer surface should be dry and free from all contamination, and Interlac 665FD 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. SSPC-SP6 or Sa2½ (ISO 8501-1:2007), Abrasive Blasting, or SSPC-SP11, Power Tool Cleaning) and patch primed prior to the application of Interlac 665FD.

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.	
Airless Spray	Recommended	Tip Range 13-19 thou (0.33-0.48 mm) Total output fluid pressure at spray tip not less than 2005 psi (141 kg/cm ²)
Air Spray (Pressure Pot)	Not suitable	
Brush	Recommended	Typically 1.0-1.6 mils (25-40 microns) can be achieved
Roller	Recommended	Typically 1.0-1.6 mils (25-40 microns) can be achieved
Thinner	International GTA007	Do not thin more than allowed by local environmental legislation.
Cleaner	International GTA007	
Work Stoppages	Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with International GTA007. Partially filled containers may show surface skinning and/or a viscosity increase of the material after storage.	
Clean Up	Clean all equipment immediately after use with International GTA007. 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	Level of sheen and surface finish is dependent on application method. Avoid using a mixture of application methods whenever possible.
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As with all alkyd systems, Interlac 665FD has limited chemical and solvent resistance and is not suitable for use in immersion situations or in conditions of continuous condensation.

Interlac 665FD 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 colors, two coats of Interlac 665FD may be required to give uniform coverage.

If applying Interlac 665FD in enclosed maintenance conditions ensure adequate ventilation.

Surface temperature must always be a minimum of 5°F (3°C) above dew point.

Note: VOC values are typical and are provided for guidance purpose only. These may be subject to variation depending on factors such as differences in color and normal manufacturing tolerances.

Low molecular weight reactive additives, which will form part of the film during normal ambient cure conditions, will also affect VOC values determined using EPA Method 24.

SYSTEMS COMPATIBILITY

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

Interprime 198
Interprime 298

For other suitable primers consult International Protective Coatings.

Interlac 665FD is only suitable for overcoating with itself or other white spirits based primers or finishes after 20 hours of drying time at 25°C (77°F). Aged Interlac 665FD systems can be upgraded by direct application of:

Interplus 80
Interseal 670HS

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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 documents available at www.international-pc.com:

- 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	5 gallon unit	Interlac 665FD	5 gallons in a 5 gallon container
For availability of other pack sizes contact International Protective Coatings			
SHIPPING WEIGHT	U.N. Shipping No. 1263		
	5 gallon unit	53.8 lb (24.4 kg)	
STORAGE	Shelf Life	24 months minimum at 77°F (25°C). Subject to re-inspection thereafter. Store in dry, shaded conditions away from sources of heat and ignition.	

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 law) any loss or damage arising out of the use of the product. 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 International Paint representative that this data sheet is current prior to using the product.

Issue date: 2/8/2008

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