

PRODUCT DESCRIPTION

A single component, high solids, low VOC, 30% silicone content, modified alkyd.

INTENDED USES

Interlac 800 offers a high gloss interior/exterior finish for use on properly prepared and primed metal, masonry and wood surfaces. Exhibits a higher level of heat resistance, gloss and colour retention when compared to other alkyd coatings. Easy to apply and recoat. Low VOC.

Suitable for storage tanks, piping, machinery and equipment in petrochemical and power industries, which require a level of heat and ultraviolet light resistance beyond that of traditional alkyds.

PRACTICAL INFORMATION FOR INTERLAC 800

Colour	Wide range via the Chromascan system
Gloss Level	Gloss
Volume Solids	59%
Typical Thickness	37-50 microns (1.5-2 mils) dry equivalent to 63-85 microns (2.5-3.4 mils) wet
Theoretical Coverage	15.90 m ² /litre at 37 microns d.f.t and stated volume solids 639 sq.ft/US gallon at 1.5 mils d.f.t and stated volume solids
Practical Coverage	Allow appropriate loss factors

Method of Application Airless Spray, Air spray, Roller, Brush
Drying Time

Temperature	Touch Dry	Hard Dry	Overcoating Interval with recommended topcoats	
			<i>Minimum</i>	<i>Maximum</i>
10°C (50°F)	45 minutes	30 hours	48 hours	Extended ¹
15°C (59°F)	40 minutes	30 hours	36 hours	Extended ¹
25°C (77°F)	30 minutes	29 hours	24 hours	Extended ¹
35°C (95°F)	30 minutes	24 hours	24 hours	Extended ¹

¹ See International Protective Coatings Definitions and Abbreviations

REGULATORY DATA

Flash Point	36°C (97°F)
Product Weight	1.27 kg/l (10.6 lb/gal)
VOC	2.77 lb/gal (333 g/lit) EPA Method 24

See Product Characteristics section for further details

**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.

Oil or grease should be removed in accordance with SSPC-SP1 solvent cleaning.

Primed Surfaces

Interlac 800 should always be applied over a recommended anti-corrosive coating scheme. The primer surface should be dry and free from all contamination and Interlac 800 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 8501-1:2007) or SSPC SP6 Abrasive Blasting or SSPC SP11, Power Tool Cleaning) and patch primed prior to the application of the product.

APPLICATION

Mixing	This material is a one component coating and should always be mixed thoroughly with a power agitator before application.		
Airless Spray	Recommended	Tip Range 0.38-0.48 mm (15-19 thou) Total output fluid pressure at spray tip not less than 141 kg/cm ² (2005 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 (1.0-1.6 mils) can be achieved	
Roller	Recommended	Typically 25-40 microns (1.0-1.6 mils) 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.		

**PRODUCT
CHARACTERISTICS**

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

As with all alkyd systems, Interlac 800 has limited chemical and solvent resistance and is not suitable for use in immersion situations or in conditions of continuous condensation.

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

For brush and roller application, and in some colours, two coats of Interlac 800 may be required to give uniform coverage.

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

USDA approval for incidental food contact surface in federally inspected meat and poultry plants. Subject to Inspector-In-Charge approval.

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 colour 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 800 is only suitable for application over alkyd or oleoresinous priming systems, e.g.:

Interprime 198
Interprime 234

Interlac 800 is not normally topcoated with products other than itself.

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	Unit Size	Vol	Pack
	1 US gal	1 US gal	1 US gal
	5 US gal	5 US gal	5 US gal
For availability of other pack sizes, contact International Protective Coatings.			
SHIPPING WEIGHT	Unit Size		
	1 US gal		25.1 lb
	5 US gal		123.4 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.	

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 International Paint representative that this data sheet is current prior to using the product.

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