

Alkyd

PRODUCT DESCRIPTION

A one component alkyd resin based intermediate or finish coat containing micaceous iron oxide pigment.

INTENDED USES

As an intermediate or finish coat in conventional coating systems, to provide excellent barrier and anti-corrosive properties afforded by the MIO pigmentation.

PRACTICAL INFORMATION FOR INTERLAC 87

Colour	Silver Grey, Dark Grey
Gloss Level	Eggshell
Volume Solids	52%
Typical Thickness	50 microns (2 mils) dry equivalent to 96 microns (3.8 mils) wet
Theoretical Coverage	10.40 m ² /litre at 50 microns d.f.t and stated volume solids 417 sq.ft/US gallon at 2 mils d.f.t and stated volume solids
Practical Coverage	Allow appropriate loss factors
Method of Application	Airless Spray, Air Spray, Brush, Roller

Drying Time

Temperature	Touch Dry	Hard Dry	Overcoating Interval with recommended topcoats	
			Minimum	Maximum
10°C (50°F)	12 hours	24 hours	24 hours	Extended ¹
15°C (59°F)	8 hours	16 hours	16 hours	Extended ¹
25°C (77°F)	4 hours	8 hours	16 hours	Extended ¹
40°C (104°F)	4 hours	8 hours	16 hours	Extended ¹

¹ See International Protective Coatings Definitions and Abbreviations

REGULATORY DATA

Flash Point (Typical)	>33°C (91°F)		
Product Weight	1.5 kg/l (12.5 lb/gal)		
VOC	3.17 lb/gal (381 g/lit)	EPA Method 24	

See Product Characteristics section for further details

Alkyd

SURFACE PREPARATION

The performance of this product will depend upon the degree of surface preparation. The surface to be coated must be clean and free from contamination. Prior to paint application all surfaces should be assessed and treated in accordance with ISO 8504:2000.

Accumulated dirt and soluble salts must be removed. Dry bristle brushing will normally be adequate for accumulated dirt. Soluble salts should be removed by fresh water washing.

Primed Surfaces

Interlac 87 should always be applied over a recommended anti-corrosive coating scheme. The primer surface should be dry and free from all contamination and Interlac 87 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 Interlac 87.

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 0.33-0.48 mm (13-19 thou) Total output fluid pressure at spray tip not less than 176 kg/cm ² (2503 p.s.i.)	
Air Spray (Pressure Pot)	Recommended	Gun	DeVilbiss MBC or JGA
		Air Cap	704 or 765
		Fluid Tip	E
Brush	Suitable - small areas only	Typically 50 microns (2.0 mils) can be achieved	
Roller	Suitable - small areas only	Typically 50 microns (2.0 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 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.		

Alkyd

PRODUCT CHARACTERISTICS

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

Interlac 87 is not designed for continuous water immersion.

To ensure good aged overcoating of Interlac 87 by other materials the surface must be clean, dry and free from contamination, particularly if the surface profile is rough due to the presence of micaceous iron oxide.

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

Over-application of Interlac 87 will extend both the minimum overcoating periods and handling times, and may be detrimental to long term overcoating properties.

Interlac 87 is not suitable for exposure to acid or alkaline environments.

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

The following primers are recommended for Interlac 87:

Interprime 254
Interprime 302
Interprime 312
Interprime 412

The following topcoats are recommended for Interlac 87:

Interlac 87
Interlac 665

For other suitable primers/topcoats, consult International Protective Coatings.

Alkyd

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
	5 litre	5 litre	5 litre
	20 litre	20 litre	20 litre
For availability of other pack sizes, contact International Protective Coatings.			
SHIPPING WEIGHT (TYPICAL)	Unit Size		
	5 litre	7.93 kg	
	20 litre	31.5 kg	
STORAGE	Shelf Life	12 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 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.

Issue date: 05/02/2015

Copyright © AkzoNobel, 05/02/2015.

All trademarks mentioned in this publication are owned by, or licensed to, the AkzoNobel group of companies.

www.international-pc.com