

Alkyd

PRODUCT DESCRIPTION

A single component, fast drying direct to metal alkyd primer finish, designed to provide both anticorrosive properties and a decorative finish in a single coat.

INTENDED USES

Interdur 1130 is an easy to use primer and finish in one. The product is well suited to a variety of uses including: internal steelwork where a good appearance is desired, external steelwork in low and moderate corrosion environments, OEM such as pre-engineered buildings (PEB).

As a single component product, Interdur 1130 is a simple solution for the maintenance of existing structures.

PRACTICAL INFORMATION FOR INTERDUR 1130

Colour	Limited range			
Gloss Level	Eggshell			
Volume Solids	64% ± 2%			
Typical Thickness	75-100 microns (3-4 mils) dry equivalent to 117-156 microns (4.7-6.2 mils) wet			
Theoretical Coverage	7.27 m²/litre at 88 microns d.f.t and stated volume solids 292 sq.ft/US gallon at 3.5 mils d.f.t and stated volume solids			
Practical Coverage	Allow appropriate loss factors			
Method of Application	Air Spray, Airless Spray, Brush, Conventional Spray, Roller			
Drying Time				
			Overcoating interval with self	
Temperature	Touch Dry	Hard Dry	<i>Minimum</i>	<i>Maximum</i>
15°C (59°F)	45 minutes	5 hours	5 hours	Extended
25°C (77°F)	30 minutes	4 hours	4 hours	Extended
40°C (104°F)	20 minutes	3 hours	3 hours	Extended

REGULATORY DATA

Flash Point (Typical)	35°C (95°F)
Product Weight	1.29 kg/l (10.8 lb/gal)
VOC	2.92 lb/gal (350 g/lit) EPA Method 24
See Product Characteristics section for further details	

Protective Coatings

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

Abrasive Blast Cleaning

Abrasive blast clean to Sa2½ (ISO 8501-1:2007) or SSPC-SP6. If oxidation has occurred between blasting and application of Interdur 1130, the surface should be reblasted to the specified visual standard.

Surface defects revealed by the blast cleaning process should be ground, filled, or treated in the appropriate manner.

Interdur 1130 is suitable for application to blast cleaned surfaces which were initially to the above standard but have been allowed to deteriorate under good shop conditions for up to 7-10 days. The surface may deteriorate to Sa2 standard but must be free from loose powdery deposits.

Optimum performance will be achieved with blasting to Sa2½ (ISO 8501-1:2007). where this is not practical, such as for weld seams and damaged areas, power tool preparation to SSPC-SP11 may be used.

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 0.44-0.48 mm (17-19 thou) Total output fluid pressure at spray tip not less than 176 kg/cm ² (2503 p.s.i.)
Brush	Suitable - small areas only	
Roller	Suitable - small areas only	
Thinner	Interdur Thinner GTA113	Do not thin more than allowed by local environmental legislation
Cleaner	Interdur Thinner GTA113	
Work Stoppages	Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with Interdur Thinner GTA113. Once units of material have been mixed they should not be resealed and it is advised that after prolonged stoppages work recommences with freshly mixed units.	
Clean Up	Clean all equipment immediately after use with Interdur Thinner GTA113. It is good working practice to periodically flush out spray equipment during the course of the working day. Frequency should depend upon amount sprayed, temperature and elapsed time, including any delays.	
	All surplus material and empty containers should be disposed of in accordance with appropriate regional regulations/legislation.	

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PRODUCT CHARACTERISTICS

Interdur 1130 is designed for the protection of structural steelwork. The product is suitable for the protection of steelwork in internal dry environments or on exposed steelwork which is situated in low to moderate corrosivity environments corresponding to ISO 12944-2 C1, C2 and C3.

Interdur 1130 is available in a limited range, however, it is in the nature of all alkyd topcoats to be subject to a degree of yellowing and chalking and this will result in the loss of gloss and fading of the specified colour over a period of time.

As Interdur 1130 is designed as a single coat primer/finish, it is not normally applied as a multiple coat system other than for repair of mechanical damages, touch-up etc. The minimum overcoating times refer to overcoating Interdur 1130 with self. Excessive film thickness and/or over application of Interdur 1130 will increase the time to handle and lengthen drying and overcoating times.

The premature exposure of Interdur 1130 to ponding water will cause a colour change which may be permanent. Interdur 1130 is not designed for exposure in alkaline or acidic environments. Interdur 1130 should not be used in immersed 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

Interdur 1130 will be applied direct to metal and is not normally overcoated with any product other than itself.

It is not recommended to use Interdur products in conjunction with non-Interdur products from the International Protective Coating range.

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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 Safety Data Sheet and the container(s), and should not be used without reference to the Safety Data Sheet (SDS).

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 AkzoNobel for further advice.

PACK SIZE	Unit Size		
		Vol	Pack
	20 litre	20 litre	20 litre
For availability of other pack sizes, contact AkzoNobel.			

SHIPPING WEIGHT (TYPICAL)	Unit Size	
	20 litre	28 kg

STORAGE	Shelf Life	12 months at 25°C Subject to re-inspection thereafter. Store in dry, shaded conditions away from sources of heat and ignition.
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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.

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