

Alkyd

PRODUCT DESCRIPTION

A quick dry, corrosion resistant gloss enamel specially formulated for finishing metal products.

INTENDED USES

Ideal for safety equipment and pipe identification. Also suitable for use as a fast drying coating for general plant maintenance. Features good exterior durability and 340 g/L VOC.

PRACTICAL INFORMATION FOR DEVLAC 1432

Colour	White, custom and ready-mix colours			
Gloss Level	Gloss			
Volume Solids	58% ± 2%			
Typical Thickness	40-50 microns (1.6-2 mils) dry equivalent to 69-86 microns (2.8-3.4 mils) wet			
Theoretical Coverage	12.90 m ² /litre at 45 microns d.f.t and stated volume solids 517 sq.ft/US gallon at 1.8 mils d.f.t and stated volume solids			
Practical Coverage	Allow appropriate loss factors			
Method of Application	Airless Spray, Roller, Air Spray, Brush			
Drying Time	Overcoating interval with self			
Temperature	Touch Dry	Hard Dry	<i>Minimum</i>	<i>Maximum</i>
25°C (77°F)	15 minutes	8 hours	15 minutes	3 hours
If the maximum overcoating interval is exceeded, do not recoat until after 18 hours, to prevent wrinkling.				

REGULATORY DATA

Flash Point (Typical)	27°C (81°F)
Product Weight	1.23 kg/l (10.3 lb/gal)
VOC	2.77 lb/gal (333 g/l) EPA Method 24
See Product Characteristics section for further details	

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SURFACE PREPARATION

All surfaces must be sound, dry, clean, free of oil, grease, dirt, mildew, curing compounds, loose and flaking paint and other foreign substances.

New Surfaces:

Steel - Apply over surface suitably prepared and primed with Devprime 1405 or Devprime 1407 primers. Consult the relevant primer datasheet for advice on surface preparation requirements.

Galvanised Metal and Aluminium:

Ensure that the surface is thoroughly clean and dry and free of any white zinc salts. Prime with Devprime 1409. Consult the relevant primer datasheet for advice on surface preparation requirements.

Previously Painted Surfaces:

Poorly adhering old coatings should be removed. Wash to remove contaminants. Rinse thoroughly with water and allow to dry. Dull glossy areas by light sanding. Remove all debris. Prime bare areas with primer specified under New Surfaces.

APPLICATION

Mixing	Devlac 1432 is a one component product and should always be mixed thoroughly prior to use.	
Airless Spray	Recommended	Use a 0.43 mm (17 thou) tip size and adjust pressure as needed.
Air Spray (Conventional)	Recommended	
Brush	Suitable	Only for small areas or touch ups
Thinner	T-0 Thinner	
Cleaner	T-0 Thinner	
Work Stoppages	Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with T-0 Thinner. 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 T-0 Thinner. 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

Advantages:

- Durable high gloss finish
- Protects against corrosion
- Fast drying
- Exterior Durable

Tint the appropriate base using industrial colourants. Do not use water based colourants.

Important: Alkyd or oil-based enamels may yellow in time in the absence of light, especially sunlight.

Where application is by air spray or airless spray, apply a mist coat first, followed by a full coat.

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.

SYSTEMS COMPATIBILITY

The following primers are recommended for Devlac 1432:

- Devprime 1405
- Devprime 1407
- Devprime 1409

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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	Unit Size	Vol	Pack
	1 US gal	1 US gal	1 US gal
	5 US gal	5 US gal	5 US gal
SHIPPING WEIGHT (TYPICAL)	Unit Size		
	1 US gal		11 lb
	5 US gal		52 lb
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.

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