

PRODUCT DESCRIPTION

Interzinc 782 is a one component, high performance, zinc rich epoxy 'cold galvanising' primer.

INTENDED USES

Interzinc 782 is recommended as a high performance anti-corrosive primer specifically formulated for the protection of tanks, pipelines, iron balustrading, railings and other structural steelwork.

It is especially suited for use in conjunction with powder coating topcoats on a variety of steel substrates requiring high levels of corrosion resistance.

PRACTICAL INFORMATION FOR INTERZINC 782

Colour	Light Grey
Gloss Level	Matt
Volume Solids	29%
Typical Thickness	50 microns (2 mils) dry equivalent to 172 microns (6.9 mils) wet
Theoretical Coverage	5.80 m ² /litre at 50 microns d.f.t and stated volume solids 233 sq.ft/US gallon at 2 mils d.f.t and stated volume solids
Practical Coverage	Allow appropriate loss factors
Method of Application	Air Spray, Brush

Drying Time

Temperature	Touch Dry	Hard Dry	Overcoating Interval with recommended topcoats	
			<i>Minimum</i>	<i>Maximum</i>
15°C (59°F)	45 minutes	5 hours	12 hours	Extended ¹
25°C (77°F)	20 minutes	2 hours	12 hours	Extended ¹
40°C (104°F)	15 minutes	1 hour	12 hours	Extended ¹

¹ See International Protective Coatings Definitions and Abbreviations

For drying and overcoating values at 100°C (212°F), please see Product Characteristics section.

REGULATORY DATA

Flash Point	33°C (91°F)
Product Weight	1.70 kg/l (14.2 lb/gal)
VOC	658 g/l UK - PG6/23(04), Appendix 3

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.

Steel

Abrasive blast clean to AS1627, Class 2.5 standard. Ensure all rust and scale is removed.

Where necessary, remove weld spatter and where required smooth weld seams and sharp edges.

Galvanised Steel

Degrease to SSPC-SP1 and remove any white zinc corrosion products by hand abrasion cleaning. Weathered galvanised steel should be degreased and have any areas of corrosion thoroughly wire brushed to remove rust, taking care not to polish the substrate.

APPLICATION

Mixing	This material is a one component coating and should always be mixed thoroughly with a power agitator before application. Interzinc 782 should be continuously agitated during application to prevent settlement of the zinc dust component, which can result in variations of finish colour. Avoid contact with moisture to avoid gassing.		
Airless Spray	Not recommended		
Air Spray (Pressure Pot)	Recommended	Gun Air Cap Fluid Tip Use agitated spray pots.	DeVilbiss MBC or JGA 704, 765 or 78 E
Brush	Suitable - small areas only	Typically 75 microns (3.0 mils) can be achieved	
Roller	Not recommended		
Thinner	International GTA220	Thin up to 20%. Do not thin more than allowed by local environmental legislation	
Cleaner	International GTA220		
Work Stoppages	Thoroughly flush all equipment with International GTA220. 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 International GTA132 or International GTA220. 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

Apply in good climatic conditions. The temperature of the surface to be coated must be at least 3°C (5°F) above the dew point.

Application of Interzinc 782 should be made in even coats to avoid sagging and solvent popping.

If overcoating with two pack polyurethanes, catalysed acrylics and epoxies, product will initially soften but will later re-harden.

Additional Overcoating Information

<u>Temperature</u>	<u>Touch Dry</u>	<u>Hard Dry</u>	Overcoating Interval with recommended topcoats	
			<u>Minimum</u>	<u>Maximum</u>
100°C (212°F)	10 minutes	30 minutes	30 minutes	Extended

Interzinc 782 is not suitable for immersion.

Continuous dry heat resistance of Interzinc 782 is 200°C (392°F).

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

Interzinc 782 is compatible with the following powder topcoats:

- Interpon 100
- Interpon 610
- Interpon 700
- Interpon D1000
- Interpon D2010
- Interpon D2015
- Interpon Easyclean

Interzinc 782 must be completely dry before application of powder topcoats.

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
	4 litre	4 litre	5 litre
For availability of other pack sizes, contact International Protective Coatings.			
SHIPPING WEIGHT	Unit Size		
	4 litre	6.8 kg	
STORAGE	Shelf Life	12 months minimum at 25°C (77°F). 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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