

## Inorganic Zinc Rich Silicate

### PRODUCT DESCRIPTION

Interzinc 352 is a high zinc content polystyrene based "cold galvanising" coating, supplied ready for use.

Single pack.  
Excellent brush application.  
Minimum surface preparation.  
Fast drying.  
Conforms to AS/NZ 3750.09 Type 1.

### INTENDED USES

Shop or field application to structural steelwork, pipework and tankage.  
Particularly suitable for brush application to difficult areas and for interior and exterior situations.  
An excellent "cold galvanising" coating for repair of galvanised steelwork.

### PRACTICAL INFORMATION FOR INTERZINC 352

<b>Colour</b>	Grey
<b>Gloss Level</b>	Matt
<b>Volume Solids</b>	33%
<b>Typical Thickness</b>	20-50 microns (0.8-2 mils) dry equivalent to 61-152 microns (2.4-6.1 mils) wet
<b>Theoretical Coverage</b>	11 m <sup>2</sup> /litre at 30 microns d.f.t and stated volume solids 441 sq.ft/US gallon at 1.2 mils d.f.t and stated volume solids
<b>Practical Coverage</b>	Allow appropriate loss factors
<b>Method of Application</b>	Airless Spray, Brush, Roller
<b>Drying Time</b>	

Temperature	Touch Dry	Hard Dry	Overcoating Interval with recommended topcoats	
			Minimum	Maximum
10°C (50°F)	15 minutes	6 hours	6 hours	Extended <sup>1</sup>
15°C (59°F)	10 minutes	4 hours	4 hours	Extended <sup>1</sup>
25°C (77°F)	10 minutes	1 hour	1 hour	Extended <sup>1</sup>
40°C (104°F)	5 minutes	30 minutes	30 minutes	Extended <sup>1</sup>

<sup>1</sup> See International Protective Coatings Definitions and Abbreviations

### REGULATORY DATA

<b>Flash Point (Typical)</b>	21°C (70°F)	
<b>Product Weight</b>	2.26 kg/l (18.9 lb/gal)	
<b>VOC</b>	569 g/l	UK - PG6/23(04), Appendix 3

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### SURFACE PREPARATION

All surfaces to be coated should be clean, dry and free from contamination. Prior to application all surfaces should be assessed and treated in accordance with ISO 8504:2000

#### Steel

For best results, all rust and scale must be removed completely by blast cleaning. However, satisfactory results will be obtained with this coating over wire brushed steel carrying very light rust, provided that the surface is free of scale.

#### Galvanised Steel

Oil or grease should be removed in accordance with SSPC-SP1 solvent cleaning. Rinse thoroughly with clean fresh water and then lightly abrade. Weathered galvanised steel should have areas of red rust wire brushed to remove loose rust.

### APPLICATION

<b>Mixing</b>	This material is a one component coating and should always be mixed thoroughly with a power agitator before application.	
<b>Mix Ratio</b>	Not applicable	
<b>Airless Spray</b>	Suitable	Tip Range 0.48-0.53 mm (19-21 thou) Total output fluid pressure at spray tip not less than 141 kg/cm <sup>2</sup> (2005 p.s.i.)
<b>Air Spray (Pressure Pot)</b>	Not suitable	
<b>Brush</b>	Suitable	Typically 75 microns (3.0 mils) can be achieved
<b>Roller</b>	Suitable	Typically 40 microns (1.6 mils) can be achieved
<b>Thinner</b>	International GTA007	Do not thin more than allowed by local environmental legislation
<b>Cleaner</b>	International GTA007	
<b>Work Stoppages</b>	Thoroughly flush all equipment with International GTA007. 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.	
<b>Clean Up</b>	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.	

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### PRODUCT CHARACTERISTICS

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

Interzinc 352 is not suitable for immersion.

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

Continuous dry heat resistance of Interzinc 352 is 200°C (392°F).

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### SYSTEMS COMPATIBILITY

The following topcoat is recommended for Interzinc 352 in high heat situations:

Intertherm 891

Typical topcoats are:

Intercryl 530

Interfine 227

Do not overcoat directly with alkyds because of dangers of saponification of the alkyd resin and consequent adhesion loss.

Interprime 371 can be used as a suitable tie coat.

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

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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](http://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	4 litre
1 US gal	1 US gal	1 US gal	
For availability of other pack sizes, contact International Protective Coatings.			
SHIPPING WEIGHT (TYPICAL)	Unit Size		
	4 litre	10 kg	
	1 US gal	20.9 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.*

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