

## Epoxy

**PRODUCT DESCRIPTION** A high performance, two component, chemically cured water borne epoxy block filler for interior or exterior porous concrete and CMU wall surfaces.

**INTENDED USES** Ideal for filling walls in high humidity areas such as shower rooms, locker rooms, boiler rooms, processing rooms, car washes, water and wastewater treatment facilities, food processing and pharmaceutical plants.

Tru-Glaze-WB 4015 will resist penetration of water through walls of basements, recreation rooms and interior or exterior walls of garages, warehouses, etc.

**PRACTICAL INFORMATION FOR TRU-GLAZE-WB 4015**

|                              |  |
|------------------------------|--|
| <b>Colour</b>                | Off White, and custom colours  |
| <b>Gloss Level</b>           | Matt   |
| <b>Volume Solids</b>         | 53%± 2%  |
| <b>Typical Thickness</b>     | 225-275 microns (9-11 mils) dry equivalent to<br>425-519 microns (17-20.8 mils) wet  |
| <b>Theoretical Coverage</b>  | 2.10 m <sup>2</sup> /litre at 250 microns d.f.t and stated volume solids<br>85 sq.ft/US gallon at 10 mils d.f.t and stated volume solids |
| <b>Practical Coverage</b>    | Allow appropriate loss factors   |
| <b>Method of Application</b> | Airless Spray, Roller, Air Spray, Brush  |
| <b>Drying Time</b>           |  |

| <b>Temperature</b> | <b>Touch Dry</b> | <b>Hard Dry</b> | <b>Overcoating Interval with recommended topcoats</b> |                |
|--------------------|------------------|-----------------|---|----------------|
|                    |                  |                 | <i>Minimum</i>  | <i>Maximum</i> |
| 25°C (77°F)        | *1               | 8 hours         | 4 hours   | 45 days        |

<sup>1</sup> Not applicable

**REGULATORY DATA**

|                              |   |            |  |
|------------------------------|---|------------|--|
| <b>Flash Point (Typical)</b> | Part A 101°C (214°F); Part B 101°C (214°F); Mixed 101°C (214°F) |            |  |
| <b>Product Weight</b>        | 1.64 kg/l (13.7 lb/gal)   |            |  |
| <b>VOC</b>                   | 99 g/lit  | Calculated |  |

See Product Characteristics section for further details

## Epoxy

### SURFACE PREPARATION

Surfaces must be dry, clean, free of oil, grease, form release agents, curing compounds, laitance, other foreign matter and be structurally sound.

#### New Surfaces

##### Concrete and Masonry:

Cure at least 30 days. Acid etch or abrasive blast slick, glazed concrete or concrete with laitance. Follow acid manufacturer's application and safety instructions. Rinse thoroughly with water and allow to dry. Remove loose aggregate.

##### Aged Unpainted and Weathered Concrete

Thoroughly wire brush to remove all loose powdery and unsound material. Repair all structural cracks and other surface defects. Structural failure after application of this coating may result in leakage and localized efflorescence.

##### Previously Painted Surfaces

Tru-Glaze-WB 4015 is not suitable for application to existing coatings.

### APPLICATION

|                         |  |   |
|-------------------------|--|---|
| <b>Mixing</b>           | Material is supplied in two containers as a unit. Always mix a complete unit in the proportions supplied. Once the unit has been mixed it must be used within the working pot life specified.  |   |
|                         | (1) Agitate Base (Part A) with a power agitator.   |   |
|                         | (2) Combine entire contents of Curing Agent (Part B) with Base (Part A) and mix thoroughly with power agitator.  |   |
| <b>Mix Ratio</b>        | 4 part(s) : 1 part(s) by volume  |   |
| <b>Working Pot Life</b> | 25°C (77°F)<br>4 hours   |   |
| <b>Airless Spray</b>    | Suitable   | See Product Characteristics section for further details |
| <b>Brush</b>            | Recommended  |   |
| <b>Roller</b>           | Recommended  |   |
| <b>Thinner</b>          | Use clean water if necessary.  | See Product Characteristics section for further details |
| <b>Cleaner</b>          | Warm soapy water   |   |
| <b>Work Stoppages</b>   | Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with clean water. Once units of paint have been mixed they should not be resealed and it is advised that after prolonged stoppages work recommences with freshly mixed units.   |   |
| <b>Clean Up</b>         | Clean all equipment immediately after use with warm soapy water. 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 material and empty containers should be disposed of in accordance with appropriate regional regulations/legislation. |   |

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### PRODUCT CHARACTERISTICS

#### Advantages:

- Excellent filling
- Excellent foundation over masonry substrates for finish coats
- May be topcoated with solvent based and waterborne finish coats
- Low odour
- Low VOC
- Highly resistant to structural moisture and hydrostatic pressures
- Fast dry, early recoat
- Excellent aged recoatability
- Resistance to Hydrostatic Pressure, Fed. Spec. TT-P-1411A, Para. 4.3.8, Pass, no moisture leakage

Tru-Glaze-WB 4015 is not suitable for use on floors or previously painted surfaces.

A slight dampness in the surface is not objectionable as long as there is no actual wetness. In hot weather or under dry conditions, pre-wetting the surface may ease application. Apply with a scrubbing-in motion using a fibre masonry brush, concrete coater or a roller. When rolled, use a long nap roller for smoother surfaces. Work well into the surface for best results.

Spray application can be used to "lay" the materials on the walls, but an immediate follow-up with brush or roller will be necessary to work it into the pores

Thinning is not normally required or desired; however, if needed, small amounts (10% or less by volume) of water can be added.

Tinting: May be tinted with up to 1 oz./gal. of AkzoNobel Dramatone colourants. Only add colourants to the Part A component (base). Mix thoroughly before adding to the Part B (curing agent) component.

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

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The following topcoats are recommended for Tru-Glaze-WB 4015:

|                   |                   |
|-------------------|-------------------|
| Devflex 4206QD    | Devflex 4208QD    |
| Devflex 4212HP    | Devflex 4216HP    |
| Devflex 659       | Devguard 4308     |
| Devran 224HS      | Devshield 4328    |
| Devthane 349QC    | Devthane 359      |
| Devthane 359H     | Devthane 378      |
| Devthane 378H     | Devthane 379      |
| Devthane 379H     | Devthane 389      |
| Tru-Glaze 4508H   | Tru-Glaze-WB 4406 |
| Tru-Glaze-WB 4408 | Tru-Glaze-WB 4426 |
| Tru-Glaze-WB 4428 |                   |

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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  | Part A   |          | Part B   |          |
|--|------------|--|----------|----------|----------|
|  |            | Vol  | Pack     | Vol      | Pack     |
|  | 5 US gal   | 4 US gal   | 5 US gal | 1 US gal | 1 US gal |
| For availability of other pack sizes, contact International Protective Coatings. |            |  |          |          |          |
| SHIPPING WEIGHT (TYPICAL)  | Unit Size  | Part A   |          | Part B   |          |
|  |            | 59.3 lb  |          | 13.4 lb  |          |
|  | 5 US gal   |  |          |          |          |
| STORAGE  | Shelf Life | 24 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](http://www.international-marine.com) or [www.international-pc.com](http://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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