Interzinc 75V

International

Zinc-Rich Epoxy

PRODUCT DESCRIPTION

A two pack, zinc rich epoxy primer with low VOC.

INTENDED USES

A zinc rich epoxy primer for above water schemes.
For use at Newbuilding, Maintenance & Repair or On Board Maintenance.

PRODUCT INFORMATION

Colour	EPA075V-Red
Finish/Sheen	Not applicable
Part B (Curing Agent)	EPA076V
Volume Solids	64% ±2% (ASTM D2697-86)
Mix Ratio	4 volume(s) Part A to 1 volume(s) Part B
Typical Film Thickness	75 microns dry (117 microns wet), 75 - 100 microns dry practical range equivalent to 117 - 156 microns wet
Theoretical Coverage	8.53 m²/litre at 75 microns dft, allow appropriate loss factors
Method of Application	Airless Spray, Brush, Conventional Spray, Roller
Flash Point (Typical)	Part A 45°C; Part B 44°C; Mixed 40°C (Setaflash) (ASTM D-3278)
Induction Period	Not applicable

Drying Information	5°C	10°C	25°C	35°C
Touch Dry [ASTM D1640 7.5.1]	24 hrs	16 hrs	2 hrs	60 mins
Hard Dry [ASTM D1640 7.7]	48 hrs	30 hrs	8 hrs	6 hrs
Pot Life	12 hrs	10 hrs	6 hrs	4 hrs

Overcoating Data - see limitations

	Substrate Temperature							
	5°C		10°C		25°C		35°C	
Overcoated By	Min	Max	Min	Max	Min	Max	Min	Max
Intergard 263	48 hrs	ext	30 hrs	ext	8 hrs	ext	6 hrs	ext
Intergard 264	48 hrs	ext	30 hrs	ext	8 hrs	ext	6 hrs	ext
Intertuf 262	48 hrs	ext	30 hrs	ext	8 hrs	ext	6 hrs	ext

REGULATORY DATA

VOC 332 g/lt (2.77 lb/US Gal) as supplied (EPA Method 24)

Note: VOC values are typical and are provided for guidance purposes only. These may be subject to variation depending on factors such as differences in colour and normal manufacturing tolerances.

CERTIFICATION

When used as part of an approved scheme, this material has the following certification:

- Fire Resistance - Surface Spread of Flame (Exova Warringtonfire)
- Fire Resistance - Smoke & Toxicity (Exova Warringtonfire)

Consult your International Paint representative for details.

SYSTEMS AND COMPATIBILITY

Consult your International Paint representative for the system best suited for the surfaces to be protected.

SURFACE PREPARATIONS

Paint only clean, dry surfaces. Remove all grease, oil, soluble contaminants and other foreign matter by "solvent cleaning" (SSPC-SP1).

Steel:
For optimum performance "Near White Blast Cleaning" (SSPC-SP10) is recommended.
"Commercial Blast Cleaning" (SSPC-SP6) is acceptable in many areas. Consult your International Paint representative for specific recommendations.

If oxidation has occurred between blasting and application of Interzinc 75V, the surface should be reblasted to the specified standard.

NOTE
For use in Marine situations outside North America, the following surface preparation standards can be used:
Sa2 (ISO 8501-1:2007) in place of SSPC-SP6
Sa2½ (ISO 8501-1:2007) in place of SSPC-SP10

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APPLICATION	Apply by conventional or airless spray. When spraying, pressure (material) tank must be located above or on same level as work. Material hoses should be extended full length - avoid loops, sags and coils. Allow for losses due to surface irregularities and application methods. Consult the following equipment recommendations or utilize suitable equal. Note: Do not apply in excess of 127 microns dry film thickness.
Mixing	Material is supplied in 2 containers as a unit. Always mix a complete unit in the proportions supplied. (1) Agitate part A with a power agitator, (2) Slowly add liquid Part B into Part A (liquid) while agitating with power mixer and allow to mix at least 5 minutes. (3) Strain material through a 30-60 mesh screen into air agitator equipped tank container or pressure pot. (4) Operate air agitator at low speed (approximately 20 RPM) sufficient to keep powder in suspension. Pot life varies with temperature and humidity conditions.
Thinner	DO NOT THIN BEYOND YOUR STATE'S COMPLIANCY. Material is supplied at spray viscosity and normally does not need thinning. If thinning is necessary, thin up to a maximum of 4 ounces/gal. (118 ml) with International GTA220 Thinner.
Airless Spray	30:1 ratio pump, 3 GPM, with Teflon packings. Use a 60 mesh filter in pump manifold or an in-line filter. A Graco 205-591 gun with Reverse-A-Clean tip with 0.019" - 0.026" (483-661 microns) orifice tip; 3/8" (9.5 mm) ID high pressure hose.
Conventional Spray	DeVilbiss MBC-510 gun E tip and 704 air cap; 3/8" (9.5mm) ID material hose; double regulated pressure tank with oil and moisture separator.
Brush	Recommended for small areas only. When properly carried out 50-75 microns dft can be achieved.
Roller	Recommended for small areas only. When properly carried out 50-75 microns dft can be achieved.
Cleaner	International GTA220
Work Stoppages and Cleanup	Maintain material under constant low speed agitation. Clean all equipment immediately after use with International GTA220 Thinner. Spray equipment requires flushing with this solvent. It is good working practice to periodically flush out spray equipment during the course of the working day. Frequency will depend upon factors such as amount sprayed, temperature and elapsed time including work stoppages. Monitor material condition. Do not exceed pot life limitations.
Welding	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. In North America do so in accordance with instruction in ANSI/ASC Z49.1 "Safety in Welding and Cutting."

SAFETY

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.

Prior to use, obtain, consult and follow the Material Safety Data Sheet for this product concerning health and safety information. Read and follow all precautionary notices on the Material Safety Data Sheet and container labels. If you do not fully understand these warnings and instructions or if you can not strictly comply with them, do not use this product. Proper ventilation and protective measures must be provided during application and drying to keep solvent vapour concentrations within safe limits and to protect against toxic or oxygen deficient hazards. Take precautions to avoid skin and eye contact (ie. gloves, goggles, face masks, barrier creams etc.) Actual safety measures are dependant on application methods and work environment.
EMERGENCY CONTACT NUMBERS:
USA/Canada - Medical Advisory Number 1-800-854-6813
Europe - Contact (44) 191 4696111. For advice to Doctors & Hospitals only contact (44) 207 6359191
R.O.W. - Contact Regional Office

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LIMITATIONS

Apply in good weather when air and surface temperatures are above 5°C and relative humidity is above 30%. Surface temperatures must be at least 3°C above dew point. For optimum application properties, bring material to 21 -27°C prior to mixing and application. Unmixed material (in closed containers) should be maintained in protected storage between 4-38°C.
Overcoating information is given for guidance only and is subject to regional variation depending upon local climate and environmental conditions. Consult your local International Paint representative for specific recommendations. Technical and application data herein is for the purpose of establishing a general guideline of the coating and proper coating application guidelines. Test performance results were obtained in a controlled laboratory environment and International Paint makes no claim that the exhibited published test results, or any other tests, accurately represent results actually found in all field environments. As application, environmental and design factors can vary significantly, due care should be exercised in the selection, verification of performance and use of the coating.
In the overcoating data section 'ext' = extended overcoating period. Please refer to our Marine Painting Guide - Definitions and Abbreviations available on our website.

UNIT SIZE

Unit Size	Part A		Part B	
	Vol	Pack	Vol	Pack
1 US gal	0.8 US gal	1 US gal	0.2 US gal	1 US quart
5 US gal	4 US gal	5 US gal	1 US gal	1 US gal

For availability of other unit sizes consult International Paint

UNIT SHIPPING WEIGHT (TYPICAL)

Unit Size	Unit Weight
1 US gal	19.4 lb
5 US gal	96 lb

STORAGE

Shelf Life	18 months minimum from date of manufacture when maintained in protected storage af 4-38° C. Subject to reinspection thereafter. Store in dry, shaded conditions away from sources of heat and ignition.

WORLDWIDE AVAILABILITY Consult International Paint.

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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