

Epoxy Sealer Coat

PRODUCT DESCRIPTION A two pack, surface tolerant, solvent free, clear epoxy sealer.

INTENDED USES A sealer coat for use on corroded steel surfaces.
For use at On Board Maintenance.

PRODUCT INFORMATION

Colour	EPA439-Clear
Finish/Sheen	Gloss
Part B (Curing Agent)	EPA440
Volume Solids	100% (ASTM D2697-86)
Mix Ratio	1.23 volume(s) Part A to 1 volume(s) Part B
Typical Film Thickness	37.5 microns dry (38 microns wet)
Theoretical Coverage	26.67 m ² /litre at 37.50 microns dft, allow appropriate loss factors
Method of Application	Airless Spray, Conventional Spray, Roller, Brush
Flash Point (Typical)	Part A 93°C; Part B 93°C; Mixed 93°C
Induction Period	Not required

Drying Information	10°C	20°C	25°C	35°C
Touch Dry [ASTM D1640 7.5.1]	10 hrs	8 hrs	6.5 hrs	2 hrs
Hard Dry [ASTM D1640 7.7]	29 hrs	15 hrs	10 hrs	3 hrs
Pot Life	2 hrs	80 mins	65 mins	45 mins

Overcoating Data - see limitations	Substrate Temperature							
	10°C		20°C		25°C		35°C	
Overcoated By	Min	Max	Min	Max	Min	Max	Min	Max
Interbond 501	48 hrs	30 days	28 hrs	30 days	22 hrs	30 days	15 hrs	30 days
Intergard 264	48 hrs	30 days	28 hrs	30 days	22 hrs	30 days	15 hrs	30 days

Note Consult your International Paint representative for specific recommendations.

REGULATORY DATA **VOC** 138 g/lit 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.

Epoxy Sealer Coat

SYSTEMS AND COMPATIBILITY

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

SURFACE PREPARATIONS

Use in accordance with the standard Worldwide Marine Specifications.

All surfaces to be coated should be clean, dry and free from contamination.

High pressure fresh water wash or fresh water wash, as appropriate, and remove all oil or grease, soluble contaminants and other foreign matter in accordance with SSPC-SP1 solvent cleaning.

REPAIR/OBM

Hand prepare or power tool exposed steel and corrosion to SSPC-SP2. For enhanced performance, commercial blasting to SSPC-SP6 is recommended.

Interbond 600 may be applied to surfaces prepared to International Paint Hydroblasting Standard HB2 which have flash rusted to no worse than HB2M.

Consult your International Paint representative for specific recommendations.

NOTE

For use in Marine situations outside North America, the following surface preparation standards can be used:

St2 (ISO 8501-1:2007) in place of SSPC-SP2

Sa2 (ISO 8501-1:2007) in place of SSPC-SP6

Epoxy Sealer Coat

APPLICATION	Apply by conventional or airless spray. Application by other methods, brush or roller, may require more than one coat and is suggested for small areas only. Strain material through a minimum 60 mesh screen before application. Apply 38 microns wet which will yield 38 microns dry film thickness. Consult the following equipment recommendations or utilize suitable equal.
Mixing	Material is supplied in 2 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.
Thinner	DO NOT THIN
Airless Spray	Minimum 28:1 ratio pump; 0.013"- 0.019" (330-483 microns) orifice tip; 3/8" (9.5 mm) ID high pressure material hose; 60 mesh tip filter
Conventional Spray	DeVilbiss MBC-510 gun E tip and 704 air cap; 3/8" (9.5 mm) ID material hose; double regulated pressure tank with oil and moisture separator.
Brush	Use appropriate size China bristle brush.
Roller	Use All Purpose Roller cover with 3/8" (9.5mm) pile smooth to medium nap. Prewash roller cover to remove loose fibers prior to use.
Cleaner	International GTA220
Work Stoppages and Cleanup	Clean all equipment immediately after use with International GTA220. 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. All surplus materials and empty containers should be disposed of in accordance with appropriate regional regulations/legislation.
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

Epoxy Sealer Coat

LIMITATIONS

Apply in good weather when air and surface temperatures are above 10°C. Surface temperature must be at least 3°C above dew point. 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.

UNIT SIZE	Unit Size	Part A		Part B	
		Vol	Pack	Vol	Pack
	0.5 US gal	0.27 US gal	1 US gal	0.22 US gal	1 US quart

For availability of other unit sizes consult International Paint

UNIT SHIPPING WEIGHT (TYPICAL)	Unit Size	Unit Weight
	0.5 US gal	5.7 lb

STORAGE	Shelf Life	24 months minimum from date of manufacture when maintained in protected storage at 4-38°C.

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.

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