



ZINC PRIMER

MEGAZINC™

PRODUCT INFORMATION

PRODUCT DESCRIPTION	Megazinc™ Zinc Primer is a two-component organic zinc rich epoxy primer.
INTENDED USES	Used to provide protection as part of any anti-corrosive coating system for structures exposed to aggressive conditions in both maintenance and new construction situations.
PRODUCT INFORMATION	
<i>Color</i>	XZP000 Gray
<i>Finish/Sheen</i>	Flat (ISO 2813:1978)
<i>Part B (Curing Agent)</i>	XZB 580 Light Amber
<i>Volume Solids</i>	45%
<i>Mix Ratio</i>	4:1 part by volume
<i>Typical Film Thickness</i>	40-50 microns (DFT) 75-100 microns (WFT)
<i>Theoretical Coverage</i>	11.25 m ² /L at 40 microns DFT and 9 m ² /L at 60 microns DFT
<i>Method of Application</i>	Brush, Roller, Airless Spray
<i>Flash Point</i>	Part A 27°C, Part B 29°C, Mixed 28°C
<i>Induction Period</i>	Not applicable

APPLICATION DETAILS

<i>Mixing</i>	Material is supplied in two pack containers Part A & Part B. Always mix a complete unit of the supplied proportions using a power agitator
<i>Thinner</i>	EPOXY THINNER MTC 369 - allowable thinning down is max of 5% by volume.
<i>Airless Spray</i>	Recommended Tip range 0.43-0.53 mm Total output fluid pressure above 176 kg/cm ² (2500) psi
<i>Conventional Spray</i>	Not Recommended
<i>Brush</i>	Small areas only, 40-50 microns can be obtained
<i>Roller</i>	Small areas only, 40-50 microns can be obtained

DRYING INFORMATION

	28°C	32°C
<i>Touch Dry (ISO1517:73)</i>	45 minutes	30 minutes
<i>Hard Dry (ISO9117:90)</i>	6 hours	3 hours
<i>Pot Life</i>	10 hours	8 hours

OVERCOATING DATA - See limitations

	28°C		32°C	
<i>Overcoated by</i>	Min	Max	Min	Max
<i>by itself</i>	2 hours	extended	1.5 hours	extended



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SYSTEMS AND COMPATIBILITY

Recommended topcoats:

Megaprime™ XP and Megashield™ Surface Tolerant Primer

STORAGE AND HANDLING

Storage

The product can be stored in sealed containers at 28 °C for a minimum of one year. Store in dry, shaded conditions, and away from sources of heat and ignition.

Pack Size

4 Liters and 20 Liters pack

SURFACE PREPARATION

New Construction and Maintenance

The surface to be overcoated must be clean, dry and free from contamination. Oil and grease should be removed in accordance with SSPC-SP 1 solvent cleaning. Accumulated dirt and soluble salts must be removed. Dry bristle brushing will normally be adequate. Soluble salts be removed by fresh water washing. Damaged or corroded areas should be prepared to the specified standard. Blast to SSPC-SP10 for maximum performance.

LIMITATIONS

This product will not be cured adequately below 5 deg C (41 deg F). For maximum performance ambient curing temperatures should be above 10 deg C (50 deg F). Megazinc™ must be clean, dry and free of zinc salts prior to overcoating.

SAFETY PRECAUTIONS

Avoid contact with skin and eyes use proper equipment when handling material (i.e. gloves, goggles, face mask, barrier creams, etc.) Wash affected skin with lukewarm water and soap or suitable industrial cleaner. If you come contact with your eyes, flush your eyes with water for at least 10 minutes and seek immediate medical attention.

Important Note

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