

Mult-E-Poxy[®] 180

Mult-E-Poxy is a versatile, self priming, 2 component high build epoxy that is formulated for heavy duty industrial maintenance application on a wide variety of substrates.

Features:

- High Build
- High Solids
- Suitable for immersion
- Surface tolerant over tightly adhered rust
- V.O.C. compliant
- Cures through a wide range of temperatures
- Self Priming



For more information call:

DV Representative
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Diamond Vogel
1-800-72VOGEL
www.diamondvogel.com

Designed for heavy duty commercial and industrial maintenance on properly prepared concrete block, poured concrete, structural steel, machinery and equipment, tank interiors, non-potable water immersion, pipes, shower and locker rooms, food preparation areas, operating rooms and laboratories. These are typical uses and not intended to limit the use of this product.

Mult-E-Poxy[®] 180 Epoxy Mastic

Surface Preparation

Physical Properties

All surfaces must be cured, clean, sound and free of all dirt, dust, efflorescence, wax, oil, grease, chalk and any other contamination that would interfere with new coating adhesion. Surface may be damp, but not wet. Bare surfaces must be properly prepared prior to application of this product.

Previously Painted Surfaces

Power or hand washing is recommended to remove contamination. If oil or grease is present, use of a cleaner/degreaser is required. All cleaning residue must be completely rinsed from the surface. Allow to dry. Remove all loose coating, rust and corrosion by scraping, sanding, or other abrading method as per SSPC-SP-2 an SSPC-SP-a3, or abrasive blast according to SSPC-SP-6 commercial blast. Use sandpaper to dull slick, glossy and/or non-porous surfaces

Mildew

Remove by using a solution of one (1) part household bleach and three (3) parts water. Apply to mildewed area and scrub. Allow solution to remain on the surface for 3 to 5 minutes then rinse completely and allow to dry before coating application.

PHYSICAL PROPERTIES (LF-1231)

Resin Type	2 Component Epoxy
Clean-up Solvent	Xylol N-3023
Finish	45 - 55 @ 60°
Solids by Weight	87.2 %
Solids by Volume	83+ %

Recommended Dry Film Thickness per Coat	5 - 8 mils
Wet Film to Achieve DFT	6 - 10 mils

Theoretical Coverage @ 1 mil	1270 ft ² /gallon
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Practical Coverage at Recommended DFT ¹	159 - 254 ft ² /gallon
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<u>Dry Times</u> ² @ 70° F (21° C) and 50% R.H.	Touch 4 hours Recoat 9 1/2 hours
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VOC's
(1.5 lbs. /gal. (183 grams/liter activated))

System Recommendation

Recommended Topcoats

Mult-E-Poxy 180 Epoxy Mastic
Pinnacle 330 HS Polyurethane
V-Cote 200 Acrylic Maintenance Primer/Finish (MC-Series)
V-Cote 222 Acrylic Maintenance Finish (MC-Series)

Application

Part A (epoxy resin) and part B (cure) have a 1:1 mixing ratio. Mix Part A and Part B separately using an explosion-proof power drill and Jiffler mixer. Add part B to part A and thoroughly mix and blend using an explosion-proof power drill and Jiffler mixer. Mix only the amount that can be used within the estimated pot life. For optimum application, air and surface temperature should be from 50° to 90°F (10° to 32°C). Above 122°F (50°C), sagging may occur. Surface temperature must be at least 5° F (3° C) above the dew point.

Brush or Roller:

Apply product in full even coats. Maintain a wet edge. To insure adequate film build, two coats are recommended when applying by brush or roller (See *Recoat/Topcoat* for recoat period).

Airless Spray:

Flush airless lines with Diamond Vogel N-3023 Xylol. Equipment must be clean prior to start. Thin only as needed for workability. Apply a wet coat in even, parallel passes with 50 % overlap to avoid bare areas and pinholes. If required, crosshatch spray at right angles.

Tip Orifice
0.019" to 0.021"

Atomizing Pressure
2500-3000 psi

Mat'l Hose ID
1/4" or 3/8"

Manifold Filter
60 mesh

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.



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The contents of this literature are for informational purposes only. Consult the product data sheet for complete information.