

METAL PRIMER

LOW VOC ANTI-CORROSIVE EPOXY PRIMER

DESCRIPTION

Metal Primer is a two part epoxy primer consisting of corrosion protecting pigments that provide maximum corrosion resistance, superior adhesion, toughness and wear resistance. Formulated to protect industrial and marine metal surfaces against corrosive environments. Conforms to MIL-PRF-24667.

Metal Primer is easy to handle and apply. It dries quickly and promotes good intercoat adhesion to any topcoat.

SURFACE PREPARATION

Metal Primer must be applied to only clean dry surfaces. Remove old loose and flaking paint, rust, loose debris by mechanical means.

Remove oil, grease, dirt, wax, etc. with a water-based cleaner/degreaser. An alternative method to remove grease or oil is with solvent wipe. Solvents are flammable and must be handled with care. It is important that the solvent not be allowed to evaporate during the cleaning process and redeposit grease and oil and must be wiped up with clean rags before the solvent dries.

Metal surfaces should be roughened or grit-blasted to SA 2.5 (near white metal) or SSPC-SP10. Where grit-blasting is not feasible power tool cleaning utilizing power sanders fitted with #16 grit aluminum oxide sanding discs can produce a sufficiently clean surface.

PROPERTIES

VOC

- 2.0 lbs per gallon
(245 grams/ liter)
(California Air District Compliant
Except not South Coast District
compliant after 7/2006.

Volume Solids

- 72%

Dry Time

- To Touch
4 hours @ 70°F (21°C)
- To Recoat
12 hours @ 70°F (21°C)

Estimated Coverage

- 285 sq.ft./gal. – roller
(4 mil DFT/5.6 mils WFT)

Weight per Gallon

- 12.5 lbs./gal.

Flash point

- 102°F (39°C) -CC

Packaging

- 1 or 5 Gallon Kits

Colors

- Gray or Black

APPLICATION

Apply when surface and ambient temperature are above 50°F (10°C) and the material temperature is above 60°F (15°C). Application not recommended at temperatures over 120°F. Surface to be painted must be at least 5°F (3°C) above the dew point.

Metal Primer is a two-part compound. Mechanically mix the base portion until homogenous. Pour the hardener into the container. Thoroughly mix contents preferably with a mechanical mixer such as a drill motor with a Jiffy mixing blade until mixed material assumes a uniform color and appearance (approximately three minutes). Make sure that all sediment is stirred up off the bottom of the can. **THINNERS ARE NOT TO BE ADDED.**

Metal Primer should be applied to a minimum 2-3 mils (50-75 microns) dry film thickness above the measured metal surface profile. **Metal Primer** can be applied by spray, roller or brush. Spraying should be done perpendicular to the surface to insure complete coverage.

Each pass of the spray gun should overlap the previous pass by 50%. Weld seams and edges should have a stripe coat prior to complete prime coat.

Metal Primer does not require an induction period and may be applied immediately after mixing. Working pot life is 4 hours at 70°F.

Primed surfaces should be protected from contamination. Protect and mark areas to prevent any foot or rolling traffic. Should the surface become contaminated prior to coating, clean the area before top-coating. Tack coat is not normally required provided the non-skid application is made within 7 days at 70°F (21°C). After 7 days, the primed surface should be mechanically abraded or brush blasted prior to application of a primer tack coat.

Clean tools and spray equipment immediately after completing installation using an epoxy solvent compliant with state and federal V.O.C. regulation.

CAUTION

Read Material Safety Data Sheet before using this material.

Contains Solvent. Use only with adequate cross ventilation. Keep away from extreme heat, sparks and open flame. Avoid prolonged breathing of vapors. For dizziness, seek fresh air. Toxic material. Avoid contact with skin. Use gloves, goggles and coveralls. In case of spillage on clothing, change clothing to prevent prolonged contact with skin. Wash contaminated clothing before reuse. Discard contaminated shoes. In case of accidental contact with skin, wash immediately with soap and water. In case of eye contact, flush thoroughly with plenty of water and call physician. If swallowed accidentally, do not induce vomiting. Seek medical attention immediately.

The user of this product is responsible for making its own evaluation and tests regarding the capabilities, safety, utility, suitability and application of the product, and assumes all risks and liabilities resulting from the use or application of the product, whether used alone or with other products. The COMPANY warrants only that the product conforms to the specifications contained in product Technical Data Sheets published by the COMPANY, a copy of which is available to the user. If the product fails to conform to this warranty, the user shall return the product within 10 days of the purchase date with a note specifying the defect and the COMPANY will either replace the product or at its option, return the purchase price. EXCEPT AS EXPRESSLY PROVIDED IN THIS PARAGRAPH, THE COMPANY MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND, NATURE OR DESCRIPTION, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE, AND HEREBY DISCLAIMS THE SAME. In no event shall the COMPANY be liable to the user of this product, whether in contract or in tort or under any other legal theory (including, without limitation, negligence), for damages which exceed the purchase price of the product, or for any indirect, incidental, consequential or similar damages, arising out of sale, use or application of the product, or for any claim made against the user by any other party, even if the COMPANY has been advised of the possibility of such claim.