

Epoxy.com Product #660

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The Right Product for the Right Job Since 1980



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Epoxy.com Product #660

Universal Primer and Finish

DESCRIPTION

Epoxy.com Product #660 Universal Primer and Finish is a one component, moisture cured polyurethane aluminum filled primer and coating. Its low viscosity, high "wetting" characteristics, and creep, undercutting, and blistering resistance make Epoxy.com Product #660 Universal Primer and Finish a superior primer and finish coat. Epoxy.com Product #660 Universal Primer and Finish undergoes a rapid molecular weight change as it polymerizes into a high molecular weight finish with excellent corrosion and abrasion resistance.

Epoxy.com Product #660 Universal Primer and Finish is an ideal barrier coat when upgrading existing finishes to strong urethanes, coal tars, etc., and is used as a primer for all Epoxy.com Vinyl Ester Systems. The low solvency power of Epoxy.com Product #660 Universal Primer and Finish enables it to be applied over most types of coatings without causing lifting. A test sample should be made to confirm adhesion. Most generic types of chemical or conventional coatings may be applied over Epoxy.com Product #660 Universal Primer and Finish with excellent adhesion.

Epoxy.com Product #660 Universal Primer and Finish has excellent chemical resistance as a finish coat to protect metal, concrete, and wood surfaces in:

- Chemical Plants

- Refineries
- Electric Generating Stations
- Fertilizer Plants
- Pulp and Paper Mills
- Water Treatment Plants
- Processing Operations
- Marine Installations

ADVANTAGES

Excellent primer for all types of surfaces.

- Superior "wetting out" properties over sound, rusty steel.
- Can be recoated in 1 to 2 hours and can be top coated with most generic type coatings.
- Cures down to 25°F on dry surfaces.
- Corrosion resistant: Passes 12,000 hours in salt cabinet.
- Good weather resistance.

CONSIDERATIONS

- Do not apply over frost, wet, or damp surfaces, or in very high humidity conditions.
- Not recommended for use as tank lining for constant immersion.
- Must be recoated within 24 hours.
- Seal partially used containers to prevent material from reacting with moisture in air.
- Product going over this primer must be applied before this primer is totally hard to the touch. So you must only coat small areas at a time that you can recoat before this primer gets hard.

TECHNICAL DATA

Color	Aluminum
Gloss	Low sheen
Recommended Coverage	866 sq. ft. per gallon @ 1 mil DFT; 433 sq. ft. per gallon @ 2 mil DFT
Mix Ratio	1 component, stir well
Application	Roll, brush, or spray
Application Temperature	25°F to 140°F dry
Cure Time	1-2 hours @ 75°F and 50% RH; recoat 2-24 hours
Service Temperature	Up to 400°F
Shelf Life	6 month minimum in unopened containers stored below 90°F.
VOC	356 gms/L

APPLICATION

SURFACE PREPARATION

Concrete: Shot blast or grind to a medium grit texture similar to 60 grit sandpaper.

Steel:

Sand blast to a SSPC-SP6 "commercial" blast finish.

Galvanized Steel:

New: Brush blast per SSPC-SP7.

Old, Weathered, or Rusty: Sand blast to SSPC-SP6 "commercial" blast finish

Proper ventilation is necessary when painting indoors or in confined areas. Vapors and spray mist may cause eye/skin irritation as well as allergic reactions. Always wear protective clothing, goggles, and use NIOSH approved respirators.

Combustible, keep away from all sources of ignition.

For industrial use only. Keep out of reach of children.

INSTALLATION

Stir **Epoxy.com Product #660 Universal Primer and Finish** so that the aluminum pigment is thoroughly dispersed in the resin and a uniform "silver" color is achieved. When using **Epoxy.com Product #660 Universal Primer and Finish** over an extended period, stir occasionally to maintain uniform mixing of the material. Normally, it is not necessary to thin **Epoxy.com Product #660 Universal Primer and Finish**, contact your Epoxy.com Technical Support Department.

Epoxy.com Product #660 Universal Primer and Finish may be applied by brush, roller, or spray. Roller covers should have a phenolic core and brushes should have natural bristles. Sprayers should have a moisture/oil trap for incoming air. Flush fluid lines with an anhydrous (water free) solvent prior to spraying **Epoxy.com Product #660 Universal Primer and Finish**. Flush sprayer every 1 to 2 hours during use to keep lines free of material build-up.

Epoxy.com Product #660 Universal Primer and Finish may be applied at temperatures between 25°F and 140°F. **Epoxy.com Product #660 Universal Primer and Finish** cures to a tack-free finish in 1-2 hours and can be recoated between 2 and 24 hours @ 75°F with 50% Relative Humidity.

CLEAN-UP

Clean up immediately with thinner. Remove from skin while still wet. Scrub skin with soap and detergent.

Proper mixing and installation is critical to the optimal success of all product. See [Installation Tips](#), [Techdata](#), & [MSDS](#) for more details on our products. Be sure to contact us with any questions and/or concerns that you have.

For more information please contact:

Epoxy.com

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