

TECHNICAL DATA SHEET

EPOXY PRIMER

Two Component, Polyamide Curing Epoxy Coating

PRODUCT DESCRIPTION:

EPOXY PRIMER is a two-component epoxy coating designed for use as a primer in metal finishes, concrete, wood, or previously painted surfaces before the application of epoxy topcoat.

CUSTOMER BENEFITS:

- Excellent adhesion to various substrates
- Protects metal from corrosion
- High chemical resistance

AREAS OF APPLICATION:

- Steel structures
- Concrete and wood surfaces
- Machinery and equipment
- Storage tanks
- Ship decks and hulls
- Shore and offshore structures

INSTRUCTION FOR USE

SURFACE PREPARATION

STEEL

Abrasive blast-clean to SSPC SP-10 (Class 2½ minimum), or mechanically clean. The surface must be free from all grease and oils.

AGED UNCOATED CONCRETE

Must be dry, clean, and free from oils, fats, or greases. Degrease or scrub with detergents if necessary. The concrete must be free from any incompatible additives or curing agents. Use an acid etch or abrasive blast to completely remove contaminants from the surface.

MIXING

Stir the base (Part A) and hardener (Part B) separately, then combine and mix until completely homogeneous. Allow the mixture to stand for at least 5-10 minutes. For dipping, no need to add thinner.

APPLICATION

AIRLESS SPRAY

The viscosity of the mixture is suitable for spraying, and no thinning is required. Plural component airless spray fitted with line heaters can be used.

CONVENTIONAL SPRAY

DeVilbiss JGA 502 with "D" set up or equipment.

ROLLER APPLICATION

Use a natural bristle or short nap roller with a phenolic core Lambswool applicator may also be used.

BRUSH

Use a brush for cutting in and touching up areas only.

CLEANING

Clean all tools or equipment used while the coating is still in its uncured state. Use EPOXY REDUCER or lacquer thinner to clean the tools and spills.

TECHNICAL DATA

Mixing Ratio (volume)	3 parts A (Base) 1 part B (Hardener)
Finish	Flat
Color	Gray, White, Red, Black
Solid Content (mixed)	50 ± 3%
Pot Life (29°C)	2 hours, less at higher temperatures. Keep out of the sun before blending.
Drying Time:	
Set-to-touch	1-2 hours
Tack-free	2-5 hours
Dry-through	2-3 days
Cure-through	7 days

Note: The pot life and drying/curing times are dependent on the site conditions such as the volume of material mixed, ambient and substrate temperatures, weather, and ventilation.

ESTIMATING DATA / COVERAGE

Recommended coverage:

20 – 25 m² per gallon

Note: The coverage rates provided above are for guidance purposes only. Actual usage may vary depending on the specific substrate conditions and application methods.

PACKAGING

EPOXY PRIMER is available in gallon and quart set

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STORAGE AND HANDLING

EPOXY PRIMER has a minimum shelf life of 36 months if maintained in dry storage conditions in unopened bags.

PRECAUTIONS

HEALTH AND SAFETY

Refer to the Safety Data Sheet (SDS) for the complete safety information on handling the product.

FIRE

EPOXY PRIMER is flammable.

WARRANTY AND DISCLAIMERS

The information provided in this technical data sheet is based on our best knowledge and testing methods. Any product use outside of specifications or improper storage or installation voids any warranty. Users are encouraged to conduct their own testing to assess product suitability. Always consult the product's safety data sheet (SDS) for safety guidelines and follow recommended precautions. We reserve the right to update this data sheet without notice, and users should ensure they have the latest information.