



SEALBOND EP-1008

ANTI-CORROSIVE EPOXY PRIMER

SEALBOND EPOXY PRIMER (EP-1008) is superior rust inhibiting primer coat that is suitable for a variety of substrates. It is a two-pack formulation based on high-grade resins and polyamide curing agents. A versatile primer compatible with wide range of topcoats, it forms excellent coating systems that are resistant to fuel oils, solvents, salt, spray, acid fumes and most organic chemicals.

RECOMMENDED USES

With appropriate topcoats such as epoxies, vinyls, chlorinated rubber and urethanes, **SEALBOND EPOXY EP-1008** is excellent for the following applications:

MARINE: Decks, hulls, cargo holds and superstructures of ships, oil tankers and barges; shore and offshore installation.

INDUSTRIAL: Interior and exterior coatings of storage tanks, structural steel, pipelines, machinery and equipment for mining, chemicals, food manufacturing and power plants.

Advantages

- May be used a general purpose epoxy primer according to painting specifications
- May be applied using different tools such as ; airless spray/ air spray / brush
- Easy to apply
- Drying time can be adjusted according to user specification

Packaging

Sealbond EP-1008 is available in 4 liter set (3 liters resin; 1 liter catalyst)

How to Use

Surface Preparation Depending on environmental and services conditions, surfaces are cleaned in accordance with applicable steel structure Painting Council surface preparation methods. Under the most severe corrosive atmosphere, sandblasting to near white metal as per SSPC SP –1063T is recommended. Galvanized iron and aluminum surfaces must be free of oil and grease. In addition, mechanical cleaning and thorough washing would produce the best results.

Mixing Mix three(3) parts by volume of component A to one(1)part of component B. Mix only enough quantities that can be used within the pot-life of the mixture. Stir thoroughly the base component before addition of the catalyst. To thin, use SEALBOND EPOXY REDUCER at a maximum of 15% by volume of the paint mixture. Allow 10 to 15 minutes induction time before application.

Application

Spray Strictly apply only on a dry and clean surface. 2-3 coats may be needed to attain 7-10mils (175-250 microns) WFT yielding 2-3 mils(50-75microns) DFT.

Brush/Roller Apply 2 coats at 3-4 mils (75-100 microns) WFT yielding 1.0-1.5 mils (25-37 microns) DFT per coat. Allow 12-14 hours between coats. Light sanding between coats will improve appearance. For large surfaces, rolling then tipping with a brush is preferred. Do not apply paint materials to surfaces warmer than 105°F or colder than 55°F. Do not attempt to cure products at temperatures below 55°F.

Notes

Information above regarding wet film thickness (WFT) and dry film thickness (DFT) are based on company laboratory product tests. Please follow project specifications for WFT & DFT requirements.

Technical Data

GENERAL CHARACTERISTICS	
COLOR	White, Gray, Red Oxide
FINISH	Flat to Semi-gloss
PACKING	4 liter set (3 liters resin and 1 liter catalyst)
MIX RATIO	3:1 by volume
INDUCTION TIME	10 to 15 minutes
POT LIFE	3 hours @ 29°C
PERCENT SOLIDS	68% by weight
SPECIFIC GRAVITY	1.3 ± 1 kg./liter
THEORETICAL SPREADING RATE	22-24 sq. meters/gallon @ 3 mils DFT
DRYING TIME	Set to touch in 30 minutes For recoating in 3 hours Full cure in 24 hours Chemical resistance attained in 4 days
CURING TIME	Continuous – 90°C Intermittent – 145°C
HEAT RESISTANCE	Highly flexible film

Health & Safety

Please wear rubber or plastic gloves to avoid contact with skin. Please refer to msds for other safety information.