

TECHPOXI 0180 TRAF0

Polyamide epoxy primer, two components, high solids by volume, low content of volatile organic compounds (low VOC), high thickness and with anticorrosive pigmentation based on zinc phosphate. It has excellent adhesion to carbon steel treated by abrasive and phosphatized blasting. It can be used as an intermediate coat (mist coat) over inorganic zinc primers. It can receive epoxy, bituminous epoxy, polyurethane or other finishes according to the recommendation of the technical department. Developed for application with conventional, airless or flooding guns. It allows curing in air drying or accelerated drying in an oven.

RECOMMENDED USES

Recommended for painting of transformers, radiators, refineries, chemical and petrochemical industry, pulp and paper mill, Sugar mills and alcohol distilleries, industrial machinery and equipment. Recommended for environments of low and medium aggressiveness. Not suitable for immersion services or environments where there may be contact with food, solvents and acids.

PRODUCT CHARACTERISTICS

Color:	Red Oxide
Finish:	Matte
Weigh solids:	92 % ± 3
Volume solids:	82 % ± 2
VOC:	132 g/L
Density:	1,65 g/cm ³ (approximate value)
Flash point:	23 °C
Shelf life:	Part A: 24 months Part B: 06 months
Pot-Life (25 °C):	4 Hours

APPLICATIONS DATA

Spreading rate per coat:	Minimum	Maximum
	Wet – 95 µm	185 µm
	Dry – 75 µm	150 µm
Theoretical coverage:	10,93 m ² /L to 100 µm 5,46 m ² /L to 200 µm	
Reducer:	Dilute up to 20% by volume with TechSolv 9400	
Packaging:	Part A: 3,6 L or 20,00 L	
	Part B: 3,6 L or 20,00 L	
Applications methods:	Airless Spray, Conventional Spray, Brush and Roller	



TECHNICAL DATA SHEET

Mix Rate:	By mass	By Volume
Part A	100,00	1
Part B	102,00	1

DRYING TIME

Temperature	25° C
To touch	1 Hour
To handle	6 Hours
To recoat	8 - 48 Hours
To cure	7 Days

If maximum recoat time is exceeded, abrade surface before recoating. Drying time is a temperature, humidity, and film thickness dependent.

APPLICATIONS CONDITIONS:

Relative humidity maximum to apply is 85%. Minimum temperature to apply and dry is 15 °C. Only apply if the surface is 3 °C above the dew point. Pot life is temperature dependent, therefore, keep the material avoiding direct sunlight.

DRY HEAT RESISTANCE

Continuous heat: 90 °C. Organic coating may suffer changes in color, gloss and adhesion when exposed to temperatures above 60 °C.

SURFACE PREPARATIONS

Remove all oil and grease from surface by Solvent Cleaning per SSPC-SP1.
Minimum surface preparation is Commercial Blast Cleaning per SSPC-SP6/NACE 3. For better performance, use Near White Metal Blast Cleaning per SSPC-SP10/NACE 2. Blast clean all surfaces using a sharp, angular abrasive for optimum surface profile. Prime any bare steel the same day as it is cleaned or before flash rusting occurs.

APPLICATIONS METHOD

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Airless Spray:

Pressure..... 1800 - 2200 psi
Hose1/4"
Tip 0,013" to 0,015"



TECHNICAL DATA SHEET

Filter Mesh 60

Conventional Spray

Gun..... JGA 502/3 Devilbiss

Fluid Nozzle FX - FF

Atomization Pressure 50 psi

Fluid Pressure..... 10 to 20 psi

Brush

Brush.....Natural bristle.

Reduction.....As needed up to 15% by volume.

Roller

Cover:..... 3/8" woven with solvent resistant core.

Reduction..... As needed up to 15% by volume.

APPLICATIONS PROCEDURES

Mix contents of each component thoroughly with low speed power agitation. Make certain no pigment remains on the bottom of the can. Then combine 3 parts by volume of Part A with 1 part by volume of Part B. Thoroughly agitate the mixture with power agitation.

SAFETY PRECAUTIONS

Refer to the SDS sheet before use.

NOTE

The practical coverage is a dry thickness, applications method and surface profile dependent. Do not use a different thinner without the AnjoTech technical team approve. We do not assume any responsibility for material and personal damages caused by misuse of the information contained in this technical datasheet. Published technical data and instructions are subject to change without notice. Contact your AnjoTech representative for additional technical data and instructions.