



EPOXY ZINC EPZ 210

PRIMER
Two component

Edition December 07

ANTICORROSIVE POLYAMID EPOXY PRIMER.
Two component, zinc rich, epoxy primer for high protection of steel hulls.

FEATURES

Two component, zinc rich, epoxy primer, with good adhesion on steel sand blasted to Sa 2,5.

Long lasting resistance of steel structures exposed to aggressive atmospheric environment like marine and industrial ones.

Can be recoated 5 hours after application.

Dry time to recoat is not critical, just HP washing is necessary in case of light surface contamination during stockage.

ACQPA trademark 21411

RECOMMENDED USES

EPOXY ZINC EPZ 210 can be recoated by EP 211, 213, 215, SPRAYABLE FILLER 500/700, EP 200 and EPOXYGUARD 455

- Metal roof frames,
- Superstructures and splash zone of steel constructions at sea water,
- Pipe-lines,
- Containers.

Can be used in thin coat at shop for temporary protection of steel.

SPECIFICATION DATA

COATING TYPE : Zinc rich epoxy primer

COLOR : Metal grey

GLOSS : Matt

COMPONENT : Two component

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COMPONENT RATIO

- Weight : 100 Base / 7,5 Hardener
- Volume : 100 Base / 25 Hardener

INDUCTION TIME (at 20°C) : 20 to 30 minutes

POT LIFE (at 20°C) : 6 hours

THINNER : EP N° 17

DENSITY at 20°C : app. 2,60

VOLUME SOLIDS : app. 50 %

VOC : 484,15 g/l

THEORETICAL SPREADING RATE :
8,3 Sq.m/L at 60 dry microns

RECOMMENDED FILM THICKNESS PER COAT :
Dry : 15 to 70 microns
Wet : 30 to 140 microns

DRY TIME (at 20°C - 50 to 60 % HR) :
Dust free : 15 minutes
To handle : 1 hour

DRY TIME TO RECOAT (at 20°C - 50 to 60 % HR) :
Minimum : 6 hours
Maximum : after bad weather, you can find salt flower on this primer. HP washing is necessary, sand with grit 80 to 180 before recoat.

MAXIMUM TEMPERATURE RESISTANCE: 100°C

SURFACE PREPARATION

All surfaces must be free of grease, dust, water marks and moisture.

On steel: Abrasive blasting to grade Sa 2,5 (as per ISO 8501- 1988) with an «average G» profile roughness (as per NF EN ISO 8503-2). Mechanical stripping by brushing to grade St3 (as per ISO 8501-1988) tolerated in some cases (retouching).

EPOXY ZINC EPZ 210 is compatible with systems EP 200, 211, 213, 215, SPRAYABLE FILLER 500/700, EPU 221, 228 and accept finishing ACRYLTOP PU 77 and POLYTOP PU 99.

For all other types of coating, contact our technical department.

MIXING AND THINNING

Before mixing the components, mix carefully the base portion first to obtain a smooth, homogeneous condition. After mixing the base portion, add the hardener slowly with continued agitation. After the hardener is added, continue to mix slowly.

After 20 to 30 minutes of induction time, it's possible to dilute from 3 to 20 % of EP N°17 (depends on application conditions or method).

You must check the viscosity.

Spray gun application : check the viscosity every 2 hours. Don't forget to mix after every dilution.

APPLICATIONS

APPLICATION METHOD		THINNING	TIP SIZES	PRESSURE
BRUSH	YES (Small surfaces)	0 to 15%		
ROLLER	YES (Small surfaces)	0 to 15%		
SPRAY GUN	YES	15 to 30%	1,8 to 2	3 to 4 BARS
AIRLESS SPRAY	YES	0 to 15%	0,017 to 0,021 mm	100 to 200 BARS

CONDITIONS FOR APPLICATION :

Optimum : 20 to 25 °C for 50 to 70 % HR

Limit : 15 to 30°C for 30 to 80 % HR

The substrate temperature must be at least 3°C above the dew point to avoid any condensation – consult the conversion table available at Map Yachting.

VISCOSITY : 25 s to 60 s Coupe AFNOR n°4

PRECAUTIONS AND SHELF LIFE

See the material safety data sheet and product label for complete safety and precaution requirements

PACKAGING : KIT of 10 Liters

CLASS ONU : 1263

SHELF LIFE : 12 months in original unopened cans at + 10 and + 25 °C away from humidity - 9 months in tropical climate

FLASH POINT : Base and Hardener : between 23°C and 55°C

LABEL : Xi = Irritant

F= Flammable



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