EPODUX PRIMER 61-134 v01

Epoxy/polyamide primer

DEFINITION

Anticorrosion primer pigmented with zinc phosphate, 2 components.

INTENDED USES

Substrate(s) : Carbon steel
Galvanized steel
Aluminium
Metallized steel
Stainless steel
Old paint

Exposure(s) : Indoor
Outdoor (if covered)

PRINCIPAL CHARACTERISTICS

Good adherence on various metallic surfaces : steel, galvanised steel, aluminium, copper.
Long pot life.
Excellent wetting of surface.
Quick drying.
Primer compatible for FIREPROOFING (consult our technical services).

CERTIFICATIONS / APPROVALS

ACQPA	EDF	RTE
☑ n°24302	☑	☑

COMPATIBILITY

PREVIOUS COAT(S)*	SUBSEQUENT(S) COAT(S)*
Itself EPODUX ZINC 52-80 EPODUX ZINC 62-208 ZINC SILICATE 76-98-1.	FERROCOTE EPODUX ARF EPODUX IM 209 POLYSTRIA v01 FERROTHANE. Note: EPODUX 291 is not recommeded.

*For any product not mentionned in compatibility lists, contact our technical support.

Not recommended Product(s) : EPODUX 291

TECHNICAL DATA

NUMBER OF COMPONENTS	2
GLOSS LEVEL	Mat
COLOURS	Beige, others : please contact us.
MIXING RATIO	weight : 91/9 volume : 86/14
SPECIFIC GRAVITY	1,48 +/- 0,05 g/cm³
SOLIDS CONTENT	weight : 69,90 +/- 2% volume : 49,95 +/- 3%
TYPICAL THICKNESS (DRY)	40 à 80 µm
RECOMMENDED WET FILM THICKNESS	80 à 160 µm
THEORETICAL SPREADING RATE	12,5/6,2 m²/l for 40/80 µm dry
AFNOR RATING NFT 36 005	AFNOR NFT 36 005 rating Family I Class 6b
VOC (Directive 2004/42/EC)	Cat. A/j : 500 g/L (2010) 500 g/L VOC
VOC IN INDOOR AIR	ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C * Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).
PACKAGING	1L - 4L - 15L

Specific gravity, solid content by volume and by weight are given for mix A+B, without thinner and on the white base for all topcoat. Liquid characteristics of products are given at 20°C.

DRYING TIME – OVERCOATING INTERVAL

FILM THICKNESS 40 µm dry	POT LIFE	DRYING TIME		OVERCOATING INTERVAL	
		Touch dry	Hard dry	Minimum	Maximum
10°C	12 hours	1 hour 30	6 hours	15 hours	12 months
20°C	8 hours	1 hour	4 hours	10 hours	12 months
30°C	6 hours	40 minutes	3 hours	5 hours	12 months

Introduce thinner may affect pot life. Dilution, relative humidity and aeration could affect drying time.

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INSTRUCTIONS

All surfaces must be clean, dry and contamination-free before painting.

SURFACE PREPARATION

SUBSTRATE(S) :	MINIMUM	RECOMMENDED
Carbon steel	Washing High Pressure St 2 (ISO 8501-1)	Sa 2½ (ISO 8501-1); Medium Grit (ISO 8503-2; Ra 10-12,5µm)
Galvanized steel	Degreasing and scrapping/brushing of oxides. The surface should have a rough profile	Blasting with non metallic abrasive. The surface sould be clean, uniform and have rough profile.
Aluminium *	Degreasing and scrapping/brushing of oxides. The surface should have a rough profile	Blasting with non metallic abrasive. The surface sould be clean, uniform and have rough profile.
Metallized steel	/	The substrate will be in accordance with standard NF EN ISO 2063. In case of damage or defects observed on the surface please refer to the recommendations of the standard NF EN ISO 12944-4.
Stainless steel	/	Blasting with non metallic abrasive. The surface sould be clean, uniform and have rough profile.
Old paint	Compatible coating intact and adherent. Washing High Pressure + Pst 2 (ISO 8501-1)	Compatible coating intact and adherent. PSa 2½ (ISO 8501-1)

*An appropriate test (application and adhesion test after drying) is recommended to ensure product compatibility.

APPLICATION CONDITIONS

MIXING	The product is supplied in pre-measured kit form. Pour the hardener part into the base tub and mix, taking care not to incorporate air. The mixing temperature should be at least 10°C. If not, it is necessary to add thinner to get the application viscosity. N.B. excess thinner increases the risk of sagging.		
INDUCTION TIME	20 minutes		
WEATHER CONDITIONS	Room temperature Relative humidity	: :	The temperature should be between 5°C and 40°C 85% maximum
TEMPERATURE	Of substrate Of product	: :	Between and +7°C and +40°C and at least 3°C higher than the dew point in order to eliminate any risk of condensation. 10°C minimum
TECHNICAL NOTE	Do not leave paint in spray equipment for longer than the pot life. Rinse equipment with 67-232 v02 thinner then clean it carefully with cleaning solvent. Prepared mix that is not used should not be sealed hermetically. For an extended stop, it is better to prepare a new kit.		

Early exposure to condensation or rain could provide a change of gloss and/or shade.

APPLICATION

APPLICATION EQUIPMENT	DILUTION*	NOZZLE	PRESSURE AT NOZZLE	MINIMUM PUMP RATIO	REMARKS
AIRLESS SPRAY	0 to 15 %	0.015-0.017 (inches)	150-200 bars	30:1	(1)
AIR SPRAY CONVENTIONAL	5 to 15 %	depending on equipment	3-5 bars	-	-
BRUSH	0 to 5 %	-	-	-	-
ROLLER	0 to 5 %	-	-	-	-
THINNER	67-232 v02		CLEANING SOLVENT	67-232 v02	-

* Dilution rate % are indicative and should be adapted to atmospheric conditions and site specific conditions. Excess of thinner could involve sagging effect and lost of opacity.

Remark(s)

(1) Maximum dilution rate when used as a tie coat.

HEALTH AND SAFETY

Flash point	:	BASE between 23°C and 55°C HARDENER between 23°C and 55°C
Shelf life	:	DLUO : 2 years minimum in original full, sealed packaging . Store in a cool, ventilated place.
Precautions	:	Refer to the current material safety data sheet(SDS).
Transport and labelling	:	Refer to SDS according to European directives.
Waste Managment	:	Soiled Industrial wastes. For more information, please refer to SDS.

PEINTURES MAESTRIA

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