EPODUX PRIMER 61-134 v01

Epoxy/polyamide primer

DEFINITION

Anticorrosion primer pigmented with zinc phosphate, 2 components.

INTENDED USES

Anticorrosion primer for any type of metallic structure (applicable in workshops or on site) :
- Steel : metallic frame structures, silos,
- Galvanised steel : duplex systems
- Aluminium : door frames

In some cases EPODUX PRIMER 61-134 can be used on concrete : please contact our technical department.

PRINCIPAL CARACTERISTICS

Good adherence on various metallic surfaces : steel, galvanised steel, aluminium, copper.
Long pot life.
Excellent soaking of surface.
Quick drying.

CERTIFICATIONS / APPROVALS

ACQPA : Brand ACQPA 24302
Is used in C3ZNV 1132, C4ZNV 1133, C4GNV 838, C5MaANV 1136 and C5MaANV 1331 systems

EDF : Is used in the following systems registered in the FNP under numbers : 380, 381, 395 and 1063.

RTE : Is used in the insulated paint system referenced IE1

TECHNICAL DATA

Gloss level	: Mat
Colours	: Beige, others : please contact us.
Number of components	: 2
Mix ratio, by weight	: 91/9
Mix ratio, by volume	: 86/14
Specific gravity	: 1,48 +/- 0,05 g/cm³
Solids volume	: 49,95 +/- 3%
Solids weight	: 69,90 +/- 2%
Typical thickness (dry)	: 40/80 µm
Typical thickness (wet)	: 80/160 µm
Theoretical spreading rate	: 12,5/6,2 m²/l for 40/80 µm dry

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INSTRUCTIONS

SURFACE PREPARATION

New steel « heavy duty use »

Galvanized steel and aluminium

Cleaning followed by degreasing is usually sufficient. However, if traces of oxides are present, remove them by any suitable mechanical means (scraping / brushing or sweep blasting).

Concrete

The surface must be at least 28 days old, clean, dry, in good state, free from any pollutant, with no rising damp and cleaned of any ancient traces of paint by abrasive blast cleaning if necessary.

Painted surfaces

Scraping / brushing mini St2, the performances of the coating will be improved by abrasive blasting to Sa 2 ½ according to ISO 8501-1: 2007.

EPODUX PRIMER 61-134 v01 is adapted to recoat some old and undamaged paints. In all cases, it is necessary to perform a test of convenience (application followed by an adhesion test after complete drying) to validate the compatibility of products and surface preparation chosen. Refer to COMPATIBILITY.

Metallization

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

The surface must be at least degreased or abraded manually or by machine, the performance of the coating will be improved by sweeping with non-metallic abrasive.

APPLICATION

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

Working pot life :

Temperature	Time
10°C	12 hours
20°C	8 hours
30°C	6 hours

Substrate temperature : Between +7°C and +40°C and at least 3°C higher than the dew point in order to eliminate any risk of condensation.

Weather conditions : The temperature should be between 5°C and 40°C
The relative humidity should be between 0% and 85%

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.

AIRLESS SPRAY

Thinner : 67-232 v02
Dilution : 0 to 15 % (maximum dilution rate if used as a tie coat).
Nozzle : 0.015-0.017
Pressure at nozzle : 150-200 bars
Report pump Min: 30 / 1

AIR SPRAY

Thinner : 67-232 v02
Dilution : 5 to 15 %
Nozzle : depending on equipment
Pressure at nozzle : 3-5 bars

BRUSH

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Thinner : 67-232 v02
Dilution : 0 to 5 %

ROLLER

Thinner : 67-232 v02
Dilution : 0 to 5 %

CLEANING SOLVENT : 67-232 v02

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CURING TIME

	Drying time		Overcoating interval	
Temperature	Touch dry	Hard dry	Minimum	Maximum
10°C	1 hour 30	6 hours	15 hours	12 months
20°C	1 hour	4 hours	10 hours	12 months
30°C	40 minutes	3 hours	5 hours	12 months

COMPATIBILITY

Previous coat(s)	Itself, EPODUX ZINC 62-208, ZINC SILICATE 76-98-1.
Subsequent coat(s)	FERROCOTE, EPODUX HV PC, EPODUX ARF, EPODUX IM 209, POLYSTRIA v01, FERROTHANE. Note: EPODUX 291 is not recommeded.

REGULATORY SPECIFICATIONS

AFNOR RATING	AFNOR NFT 36 005 rating Family I Class 6b
VOC (Directive 2004/42/EC)	EU limit value for this product (cat. A/j) : 500 g/l (2010) This product contains max 500 g/l VOC

HEALTH AND SAFETY

Flash point	BASE : between 23°C and 55°C HARDENER : between 23°C and 55°C
Transport and labelling	Refer to the safety data sheet established as per applicable European directives
Shelf life	2 years in original full, sealed packaging. Store in a cool, ventilated place.
Precautions	Refer to the current material safety data sheet

PACKAGING

KIT	BASE	HARDENER
1L	0,86 l	0,14 l
4L	3,44 l	0,56 l
15L	12,90 l	2,10 l

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