

## ООО «Полимер Экспорт» промышленные лакокрасочные покрытия

**8** (4932)773-503





Release date: 14.08.2023.

Manufacturer: Russian Federation
TY 20.30.22-002-69372620-2020

## **Primer EPPEX SF 90**

**CERTIFICATE** 

State Registration Certificate № RU.01.PA.02.008.E.000319.03.21 from 23.03.2021. Declaration of Conformance № POCC RU Д-RU.PA01. B.66148/21 от 03.02.2021 г. Chemical safety data sheet БТД ПБ № 69372620-20.30-3128 12.03.2021 г

**DESCRIPTION** 

Two component epoxy corrosion-proof primer for steel and concrete surfaces.

FIELDS OF APPLICATION

EPOXY SF90 primer is used as a primer layer or interlayer coating in complex protection systems. It provides good performance of the coating and long-term corrosion protection. It has a high volume dry residue, which allows to increase the manufacturability of the painting process. The EPP EX SF90 material can be used as an independent coating applied in a single layer, the thickness of which is 200 microns. It is used for painting the internal surfaces of tanks, containers, process pipelines, for protecting steel surfaces, including bridges. It is successfully used in anticorrosive chemically resistant systems.

## **TECHNICAL DATA**

Colour Grey, reddish-brown, other colours - due to customer need,

tone isn't specified.

**Gloss** Matt

Mass fraction of dry residue component A 88±3%
Adhesion to metal (GOST 15140), no more 1 point

Density component A $1,66\pm0,05 \text{ g/cm}^3$ Density components A+B $1,55\pm0,05 \text{ g/cm}^3$ 

Dry volume residue 80±3%

**Dry film thickness and estimated consumption**Dry film thickness, mc
Estimated consumption,

a/m²

. . .

 min
 200
 398

 max
 300
 597

Open time to grade 3 at 20±2°C, no more (wet

film thickness 100 mc)

5 hours

Open time to grade 3 at 20±2°C, no more (wet

film thickness 250 mc)

11 hours

Hardener EPPEX SF2

Readiness for operation 7 days

Due to the wide range in color and / or gloss, this description is informative. Certificate of quality is the document confirming the quality of each production lot

**INSTRUCTION FOR USE** 

Metal surface should be abrasive blasted to grade 1 or 2 due to GOST 9.402 (Sa 2,5 or Sa 2 to ISO 8501-1:2007). Cleaned surface must be free of dust and grease.

If the quality of surface preparation decreases, the service life and its operating performance may change.

CONDITIONS

Two component epoxy primer EPPEX SF 90 is applied on the surface at the air temperature from  $+15^{\circ}$ C to  $+35^{\circ}$ C and relative humidity no more 80%. Surface temperature should be  $3^{\circ}$  higher than dew point.

**APPLICATION** 







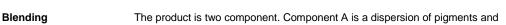




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anticorrosion filler in epoxy resin. Component B is a hardener solution. Mix the contents of the containers in the supplied proportions. After mixing, use within the

specified pot life.

Mixing sequence:

The basis (component A) is mixed with a construction mixer. Then mixed hardener (component B) is added to the basis (component A) and thoroughly mixed with a

construction mixer.

Attention! Careless mixing or incorrect ratio can lead to uneven curing and painting

film properties weakening.

**Proportions** 100:8 by weight

8:1 by volume

Pot life at 20±2°C, no

less

5 hours

Air-free spraying Thinning: 5-20%

Nozzle diameter: 0,011-0,017" Initial pressure: 120-180 atm

Air spraying Thinning: 10-30%

Nozzle diameter:1,4-2,6 MM Initial pressure: 3,0-4,0 atm

Brush, roller Can be recommended for small and hard-to-reach areas. Thin the primer depending

on the working conditions when using brush.

Thinner Formula thinner EPPEX

**Cleaner** Formula thinner EPPEX, thinners of type P4, P5.

Closing-down Tubing, pistol and other spraying tools must be cleaned after using

**Cleaning** Wash the tools after using immediately. The frequency of washing depends on the

amount of sprayed material, the temperature and the time since the shutdown,

including any time lag.

PACKAGE SIZE

Metal euro bucket 21 l: basis 21 kg Metal bottle 3 l: hardener 1,7 kg

STORAGE

Store in a tightly closed container in a closed dry room at a temperature from -  $40 \,^{\circ}$  C to +  $40 \,^{\circ}$  C, away from sources of ignition, protecting from mechanical damage, direct sunlight and moisture.

**GUARANTED STORAGE LIFE** 

EPPEX SF90 primer (component A) EPPEX SF2 hardener (component B) guaranteed shelf life is 12 months from the date of manufacture, subject to the consumer's compliance with the rules of transportation and storage. After expire date shouldn't be used without tests.

**HEALTH AND SAFETY** 

When painting work, use personal protective equipment (respirators, gloves, glasses, etc.). Work inside the room should be carried out with artificial (local, general) or natural ventilation. Use the primer only in places without sources of open fire and ignition. Avoid contact with skin or eyes. In case of skin contact immediately wipe with a rag or cotton swab, rinse thoroughly with soapy water, do not use solvents. In case of eyes contact rinse with clean water for at least 10 minutes, consult a doctor. In case of ingestion, consult a doctor.

**RECYCLING** 

Packing materials are recycled as consumer waste.

Further Information.

The recommendations above are based on our own research and our best knowledge but don't fully guarantee any particular case as it depends on the quality, friability and porosity of the base. The local working conditions and methods may vary and are beyond our control. Therefore we cannot be held responsible for the actual work on the site. The information is currently updating.







