



ООО «Полимер Экспорт»

ПРОМЫШЛЕННЫЕ ЛАКОКРАСОЧНЫЕ ПОКРЫТИЯ

8 (4932)773-503

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Release date: 1.08.2025
Manufacturer: Russian Federation
TY 20.30.22-002-69372620-2020

Primer EPPEX SP

CERTIFICATE

State Registration Certificate № RU.01.PA.02.008.E.000319.03.21 от 23.03.2021 г.
Declaration of Conformance ПОСС RU Д-RU. PA01. B.09510/24 от 12.03.2024 г.
MSDS №69372620-20-24550 от 17.10.2024 г.
MSDS № 69372620-20.30-3128 от 12.03.2021 г.

DESCRIPTION

Two component epoxy primer for steel and concrete surfaces.

FIELDS OF APPLICATION

EPPEX SP is a two-component primer, anti-corrosion, fast-drying primer with high hardness and adhesion. The coating does not interfere with welding operations and is used as a shop primer in a layer of 15-25 microns, as well as a temporary protective primer. It can also be used as a primer coat in a layer of 40-60 microns in coating systems subsequently overcoated with Polytex products.

TECHNICAL DATA

Colour	reddish-brown	
Mass fraction of dry residue component A	70±3%	
Adhesion to metal (GOST 15140), no more	1 point	
Density component A	1,55±0,05 g/cm ³	
Density components A+B	1,5±0,05 g/cm ³	
Max. one layer thickness, viscosity 25 s	200 microns wet layer	
Dry volume residue	50±3%	
Dry film thickness and estimated consumption	Dry film thickness, microns	Estimated consumption, g/m ²
min	15	45
max	60	180
Hardener	EPPEX M	

INSTRUCTION FOR USE

Metal surface should be abrasive blasted to grade Sa 2,5 to GOST R ISO 8501-1-2014. 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 SP is applied on the surface at the air temperature from +5°C to +35°C and relative humidity no more 80%.
Surface temperature should be 3° higher than dew point.

APPLICATION

Blending

The product is two components. Component A is a dispersion of pigments and 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.



Собственное
современное
производство



Система
Менеджмента
Качества
(ISO 9001)



Аттестованная
лаборатория



На рынке
с 2002 года



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Proportions	100:7 by weight 9:1 by volume
Pot life at 20°C, no less	6 hours
Air-free spraying	Thinning: 0-10% Nozzle diameter: 0,011-0,017" Initial pressure: 120-180 atm
Air spraying	Operation viscosity: 18-60 s Thinning: 5-15% Nozzle diameter: 1,8-2,5 mm Initial pressure: 3,0-4,0 atm
Cross linking at 20°C	No less 10 min.
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.
Finishing	Tubing, pistol and other spraying tools must be cleaned after using.

PACKAGE SIZE

Metal euro bucket 21 l: basis 21 kg
Metal bottle 3 l: hardener 1,5 kg

STORAGE

Store in a tightly closed container in a dry room at a temperature from -40 °C to +40 °C, away from sources of ignition, protecting from direct sunlight and moisture.

GUARANTEED STORAGE LIFE

Expire date is 24 months in case if delivery and storing rules are followed. 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



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