



000 «Полимер Экспорт»

ПРОМЫШЛЕННЫЕ ЛАКОКРАСОЧНЫЕ ПОКРЫТИЯ

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Manufacturer: Russian Federation  
ТУ 20.30.22-003-69372620-2020

# Primer-enameel EPPEX ATN

## CERTIFICATE

State Registration Certificate № RU.8.08.09.008.E.000226.08.22 of 23.08.2022  
Declaration of Conformance № ПОСС RU Д-РУ.РА01В.23199/22 of 01.07.2022  
Materials Safety Data Sheet 01.07.2022

## DESCRIPTION

Two component chemically resistant thickfilm epoxy primer-enameel.

## FIELDS OF APPLICATION

The primer-enameel EPPEX ATN can be used as a primer layer, as well as an independent finishing coating in the coating system for anti-corrosion protection of metal structures, the outer surface of tanks, equipment, engineering products, metal structures. It has high chemical resistance and mechanical strength. It is used as a primer or intermediate coating for epoxy and polyurethane based coating materials in complex protection systems as well as an independent coating inside premises or under a roof.  
**Information on the material resistance to various media is available on request.**  
Main applications: chemical industry, oil and gas industry, power engineering.

## TECHNICAL DATA

Colour	Grey, reddish-brown, other colours - due to customer need, tone isn't specified	
Mass fraction of dry residue component A	85±5%	
Adhesion to metal (GOST 15140), no more	1 point	
Density component A	1,6±0,1 g/cm <sup>3</sup>	
Density components A+B	1,5±0,1 g/cm <sup>3</sup>	
Max. one layer thickness, viscosity 25 s	400 microns wet layer	
Dry volume residue	77±5%	
Dry film thickness and estimated consumption	Dry film thickness, microns	Estimated consumption, g/m <sup>2</sup>
min	100	188
max	200	375
Open time to grade 3 at 20±2°C, no more (wet film thickness 100 microns)	4 hours	
Curing time at 20°C	7 days	
at 10°C	14 days	
Hardener	EPPEX ATN	

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. During refinishing mechanical cleaning is allowed to grade 3 to GOST 9.402-2004 (St 3 or St 2 to ISO 8501-1:2007; PSt 3 or PSt 2 to ISO 8501-2:1994). Residual coating thickness should be no more than 200 microns, adhesion no less than 2 MPa to ISO 4624:2002 or no more than 3 points to GOST 15140-78.

## CONDITIONS

Air humidity – no more than 80%. Ambient temperature from +10°C to +35°C. To provide curing in closed space good ventilation is needed. It is possible to apply at the temperature of -5 °C, while the temperature of the primer should be at least +15 °C to provide the necessary technological characteristics.



Современное современное производство



Система Менеджмента Качества (ISO 9001)



Аттестованная лаборатория



На рынке с 2002 года



## APPLICATION

<b>Blending</b>	The product is two component. 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.  <u>Mixing sequence:</u> 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. <b>Attention!</b> Careless mixing or incorrect ratio can lead to uneven curing and painting film properties weakening.
<b>Proportions</b>	100:14,7 by weight 4:1 by volume
<b>Pot life</b>	at 20°C – no less than 2 hours at 10°C – no less than 7-8 hours
<b>Air-free spraying</b>	Thinning: 0-30% Nozzle diameter: 0,017-0,021" Initial pressure: 120 - 180 atm
<b>Air spraying</b>	Operation viscosity: 25-40 s Thinning: 15-20% Nozzle diameter: 1,6-2,5 mm Initial pressure: 3,0-4,0 atm
<b>Cross linking at 20°C</b>	2 hours
<b>Cross linking at 60°C</b>	40 min
<b>Brush, roller</b>	Can be recommended for small and hard-to-reach areas. Thin the primer depending on the working conditions when using brush.
<b>Thinner</b>	Formula thinner EPPEX
<b>Cleaner</b>	Formula thinner EPPEX, thinners of type P4, P5.
<b>Finishing</b>	Tubing, pistol and other spraying tools must be cleaned after using.
<b>Cleaning</b>	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 EPPEX ATN 25 kg  
Metal bottle 5,2 l: hardener EPPEX ATN 3,7 kg

## STORAGE

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

## GUARANTEED STORAGE LIFE

EPPEX ATN primer enamel 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.



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