



ООО «Полимер Экспорт»

ПРОМЫШЛЕННЫЕ ЛАКОКРАСОЧНЫЕ ПОКРЫТИЯ

8 (4932)773-503

raum-profile.ru  
Inmarketing@gk-rp.ru

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

# Primer EPPEX MASTIC

## CERTIFICATE

State Registration Certificate № RU.77.01.34.008.E.002316.09.22 from 23.03.2021.  
Declaration of Conformance № РОСС RU Д-РУ.РА 01В.23199/22 from 01.07.2022  
Chemical Safety Data Sheet from 1.07.2022

## DESCRIPTION

Two component thickfilm epoxy primer with high dry residue and good abrasion resistance. Can be applied in thick layer.

## FIELDS OF APPLICATION

**EPPEX MASTIC primer is a highly structured, thick-layer coating with a high dry residue and fast open time to protect steel surfaces.** The coating is resistant to a wide range of chemicals, oils, gasoline, salt solutions, acids, and alkalis impacts. It is resistant to sea, fresh and polluted water, high humidity, medium and highly aggressive industrial atmosphere.

It is intended for anticorrosive protection of new and repairable metal structures. 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 used inside premises or under a roof.

It is used to paint horizontal and vertical surfaces of alluvial and tank equipment of mineral oil, salt solutions, alkalis, oil refining products storage tanks, tanks, storage facilities as well as pipes and pipelines, oil and gas pipelines. It is used to paint metal structures, structures and equipment exposed to aggressive gases and vapors at enterprises producing mineral fertilizers, chemical, oil refining and other industries.

**Information on the material resistance to various media is available on request.**

Main fields of application: chemical industry, oil and gas industry, power engineering.

## TECHNICAL DATA

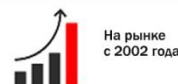
Colour	Grey, reddish-brown, other colours - due to customer need	
Gloss	Matt	
Mass fraction of dry residue component A	90±5%	
Adhesion to metal (GOST 15140), no more	1 point	
Density component A	1,75±0,05 g/cm <sup>3</sup>	
Density components A+B	1,55±0,1 g/cm <sup>3</sup>	
Max. one layer thickness, viscosity 25 s	350 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	150	302
max	300	604
Open time to grade 3 at 20°C, no more (wet film thickness 100 microns)	3 hours	
Curing time at 20°C	7 days	
at 10°C	14 days	
Hardener	EPPEX M	

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.





#### CONDITIONS

Ambient temperature from +10°C to +35°C.  
Relative air humidity no more 80%.  
To provide curing in closed space good ventilation is needed.

#### 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>	100:19 by weight 3:1 by volume
<b>Pot life</b>	at 20°C – no less 4 hours at 10°C – no less 7-8 hours
<b>Air-free spraying</b>	Thinning: 5-30% Nozzle diameter: 0,017-0,021" Initial pressure: 180 atm
<b>Air spraying</b>	Operation viscosity: 25-40 s Thinning: 10-20% Nozzle diameter: 1,8-2,5 mm Initial pressure: 3,0-4,0 atm
<b>Cross linking at 20±2°C</b>	No less than 4 hours
<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 22 kg  
Metal bottle 5,2 l: hardener 5 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 MASTIC primer (component A) 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. 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.



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**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.



Собственное  
современное  
производство



Система  
Менеджмента  
Качества  
(ISO 9001)



Аттестованная  
лаборатория



На рынке  
с 2002 года