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ПРОМЫШЛЕННЫЕ ЛАКОКРАСОЧНЫЕ ПОКРЫТИЯ
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Release date: 01.08.2025
Manufacturer: Russian Federation
ТУ 20.30.22-003-69372620-2020

Primer EPPEX MASTIC

CERTIFICATE

Declaration of Conformance № РОСС RU Д-RU.PA 01B.20581/25 от 01.07.2025 года.
State Registration Certificate № RU.77.01.34.008.E.002316.09.22 от 13.09.2022 г.
Safety data sheet of chemical products from 01.07.2022 г.

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±0,1 g/cm^3	
Density components A+B	1,55±0,1 g/cm^3	
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^2
min	150	302
max	300	604
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 Sa 2,5 or Sa 2 to GOST R ISO 8501-1-2014. 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

Blending	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. 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	100:19 by weight 3:1 by volume
Pot life	at 20^{0}C – no less 4 hours at 10^{0}C – no less 7-8 hours
Air-free spraying	Thinning: 5-30% Nozzle diameter: 0,017-0,021" Initial pressure: 180 atm
Air spraying	Operation viscosity: 25-40 s Thinning: 10-20% Nozzle diameter:1,8-2,5 mm Initial pressure: 3,0-4,0 atm
Cross linking at 20^{0}C	No less than 4 hours
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.
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.

DRYING TIME

Surface temperature	**+10°C**	**+20°C**	**+30°C**	**+40°C**	**+60°C**
Degree 1 (GOST 19007)	2 h 30 min	1 h 20 min	1 h	45 min	25 min*
Degree 3 (GOST 19007)	6 h 30 min	3 h	2 h	1 h 10 min	40 min.*
Minimum recoating interval	12 h	4 h	3 h	2 h	35 min.

Start of operation	21 d	14 d	7 d	7 d	7 d

Minimum recoating interval: the minimum recommended time the next coat to be applied.
Start of operation: the minimum time the coating to be exposed to a given environment.

These data should be considered only as indicative for a wet film thickness of 100 microns.

*with preliminary holding at a temperature of 20 degrees for 15 minutes.

PACKAGE SIZE

Metal euro bucket 21 l: basis 26 kg
Metal bottle 6,8 l: hardener 5 kg

STORAGE

Store in a tightly closed container in a dry room, away from sources of ignition, protecting from direct sunlight and moisture.

GUARANTED 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.