



ООО «Полимер Экспорт»

ПРОМЫШЛЕННЫЕ ЛАКОКРАСОЧНЫЕ ПОКРЫТИЯ

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Release date: 01.08.2025

Manufacturer: Russian Federation

TC 20.30.22-003-69372620-2020

Primer EPPEX MASTIC NSH

CERTIFICATE

Declaration of Conformance № РОСС RU Д-RU.PA01B.20581/25 от 01.07.2025

г.

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.

FIELDS OF APPLICATION

EPPEX MASTIC NSH primer is a modified mastic forming smooth surface with improved appearance when applied. It is used as a primer or intermediate layer for coating materials based on epoxy and polyurethane having decorative properties in a complex protection system. Due to special additives, the coating is resistant to a wide range of chemicals, oils, gasoline, salt solutions, acids, and alkalis. 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 layer for coating materials based on an epoxy and polyurethane in complex protection systems, as well as an independent coating inside premises or under a roof.

It is used to paint horizontal and vertical surfaces of alluvial and tank equipment, storage tanks for mineral oils, salt solutions, alkalis, petroleum products, tanks, storage facilities, pipes and pipelines, oil and gas pipelines, 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 applications: chemical industry, oil and gas industry, power engineering, transport construction.

TECHNICAL DATA

Colour	Black, grey, other colours - due to customer need	
Gloss	Matt	
Mass fraction of dry residue component A	85±5%	
Adhesion to metal (GOST 15140), no more	1 point	
Density component A	1,75±0,05 g/cm ³	
Density components A+B	1,54±0,05 g/cm ³	
Max. one layer thickness, viscosity 25 s	350 microns wet layer	
Dry volume residue	70±3 %	
Dry film thickness and estimated consumption	Dry film thickness, microns	Estimated consumption, g/m ²
min	60	132
max	300	660
Hardener	EPPEX MAX	

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



Собственное
современное
производство



Система
Менеджмента
Качества
(ISO 9001)



Аттестованная
лаборатория



На рынке
с 2002 года



Metal surface should be abrasive blasted to grade Sa 2^{^(1/2)} or Sa 2 to ISO 8501-1-2014.
 Cleaned surface must be free of dust and grease.

CONDITIONS

Ambient temperature from +5°C to +35°C.
 Relative air humidity no more 80%.
 Good ventilation is required to ensure polymerization in closed volumes.

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.

Proportions 100:19 by weight
 3:1 by volume

Pot life at 20°C – no less than 3 hours

Air-free spraying Thinning: 5-25%
 Nozzle diameter: 0,013-0,017"
 Initial pressure: 180 atm

Air spraying Operation viscosity: 25-40 s
 Thinning: 10-30%
 Nozzle diameter: 1,6-2,5 mm
 Initial pressure: 3,0-4,0 atm

Cross linking at 20°C No less than 1,5 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	+5 °C	+10°C	+20°C	+30°C	+60°C
Degree 1 (GOST 19007)	3 h.	2,0 h.	1,0 h.	45 min.	20 min*
Degree 3 (GOST 19007)	5 h.	3,5 h.	2,5 h.	2 h.	40 min*
Minimum recoating interval	16 h.	3,0 h.	1,5 h.	1,5 h.	25 min.
Start of operation	20 d.	14 d.	7 d.	7 d.	7 d.



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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.

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

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

PACKAGE SIZE

Metal euro bucket 21 l: basis 26 kg

Metal bottle 6,8 l: hardener 5 kg

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 STORAGE

EPPEX MASTIC NSH primer enamel guaranteed shelf life is 24 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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