



ООО «Полимер Экспорт»

ПРОМЫШЛЕННЫЕ ЛАКОКРАСОЧНЫЕ ПОКРЫТИЯ

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Release date: 01.08.2025.

Manufacturer: Russian Federation

TC 20.30.22-010-69372620-2022

Enamel Polytex SQ

CERTIFICATE

State Registration Certificate № KG.11.01.09.008.E.000144.02.16 from 24.02.2016.
Certificate of conformity to requirement documents № РОСС РОСС RU Д-РУ.PA01.B.02600/23 from 01.02.2023.
MSDS № 69372620.20.24322 от 27.04.2024 г.
MSDS № 69372620.20.85257 от 14.11.2023 г.

DESCRIPTION

Two component polyurethane enamel, hardened by aliphatic polyisocyanate

FIELDS OF APPLICATION

Polytex SQ enamel is used to paint pre-primed surfaces to form decorative finishing coatings with a different gloss: from deep matt to high gloss (up to 90%).

It is used for decorative finishing of internal and external surfaces of vehicles: diverse agricultural machines, construction equipment, as well as diverse machine tools and equipment, transport metal structures and metal products that are exposed to mechanical impacts.

Polytex S Q enamel has good decorative properties, good adhesion and bending strength.

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

Main fields of application: power engineering, mechanical engineering, transport construction.

TECHNICAL DATA

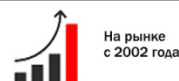
Colour	Colour list of RAL	
Gloss	G035: 0-35%; G3570: 35-70%;	
Mass fraction of dry residue component A	60 - 70%	
Adhesion to metal (GOST 15140), no more	1 point	
Density component A	1,25±0,1 g/cm³	
Density components A+B	1,24±0,1 g/cm³	
Max. one layer thickness, viscosity 25 s	125 microns wet layer	
Dry volume residue	52±5%	
Dry film thickness and estimated consumption	Dry film thickness, microns	Estimated consumption, g/m²
min	40	85
max	80	170
Hardener	Polytex ST2	
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

Two component polyurethane enamel Polytex SQ is applied on primed surface. The surface can be abrasive blasted with grain P-180 to P-320.

CONDITIONS

Basis temperature higher than dew point no less than 3°C.
Ambient temperature from +5°C to +30°C.
Relative air humidity no more 80%.



APPLICATION

Blending	Polyurethane enamel consists of two components: component A - basis, component B - hardener. Before use, pre-mix component A with a low-speed drill with mixing nozzle, then mix with component B in stoichiometric ratio in the delivery form. Mix the resulting material thoroughly until smooth. After the hardener is added into the semi-finished product, the material should be allowed to stand for at least 5-10 minutes.
Proportions	100:5 by weight 17,5:1 by volume
Pot life at 20 ±2 °C, no less	5 hours
Air-free spraying	Thinner: 0-10% Nozzle diameter: 0,011-0,017" Initial pressure: 120-160 atm
Air spraying	Operational viscosity: 20-40 s Thinning: 0-30% Nozzle diameter: 1,4-2,5 mm Initial pressure: 3-4 atm
Thinner	Formula thinner RP-1K, RP-1KF, Polytex.
Cleaner	Formula thinner RP-1K, RP-1KF, thinners of type P4, P5.
Finishing	Tubing, pistol and other spraying tools must be cleaned after using.
Cleaning	Clean straight after using due to painting equipment manual.

DRYING TIME

Surface temperature	+5°C	+10°C	+20°C	+30°C	+40°C
Degree 1 (GOST 19007)	3 h	1 h 50 min	45 min	35 min	30 min
Degree 3 (GOST 19007)	6 h	3 h 40 min	2 h	1 h 20 min	45 min
Minimum recoating interval	3 h	2 h	30 min	20 min	20 min
Start of operation	14 d	10 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.

PACKAGE SIZE

Metal euro bucket 21 l: basis 20 kg
Metal bottle 1 l: hardener 1 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

Polytex SQ basis (component A) guaranteed shelf life is 24 months from the date of manufacture, subject to the consumer's compliance with the rules of transportation and storage

Polytex ST2 hardener (component B) guaranteed shelf life is 24 months from the date of manufacture, subject to the consumer's compliance with the rules of transportation and storage.

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 enamel 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.



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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.



Собственное
современное
производство



Система
Менеджмента
Качества
(ISO 9001)



Аттестованная
лаборатория



На рынке
с 2002 года