



ООО «Полимер Экспорт»

ПРОМЫШЛЕННЫЕ ЛАКОКРАСОЧНЫЕ ПОКРЫТИЯ

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Manufacturer: Russian Federation  
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## Primer-enamel Polytex SQ

### CERTIFICATE

State Registration Certificate № KG.11.01.09.008.E.000788.02.23 from 01.02.2023.  
Declaration of Conformity to № РОСС RU Д-РУ.РА01.В.02600/23 from 01.02.2023.  
MSDS №69372620.20.24320 от 27.04.2024 г.  
MSDS № 69372620.20.24321 от 27.04.2024 г.  
MSDS № 69372620.20.85257 от 14.11.2023 г.

### DESCRIPTION

Two component polyurethane primer-enamel, hardened by aliphatic polyisocyanate.

### FIELDS OF APPLICATION

**Polytex SQ enamel primer is the material of good value for money with no pre-priming.** It comes both with various degrees of gloss (from deep matt to high gloss) and a large selection of ready-made color solutions. Thick-layer application is possible.

It is used for anticorrosive protection of internal and external surfaces of various vehicles: agricultural and construction equipment, public transport (buses, trolleybuses, trams, etc.), railway transport, as well as other metal surfaces that require oil and gasoline resistance, increased resistance to moisture, as well as resistance to temperature differential and UV radiation.

Polytex SQ enamel primer has good adhesion, bending strength, abrasion resistance, and accelerated open time.

It is successfully used in temperate and cold climates, providing long-term protection against corrosion.

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

Main applications: mechanical engineering.

### TECHNICAL DATA

Colour	Colour list of RAL	
Gloss	G035: 0-35%; G3570: 35-70%; G7095: 70-95%.	
Mass fraction of dry residue component A	60-75%	
Adhesion to metal (GOST 15140), no more	1 point	
Density component A	1,20±0,2 g/cm <sup>3</sup>	
Density components A+B	1,20±0,18 g/cm <sup>3</sup>	
Max. one layer thickness, viscosity 25 s	200 microns wet layer	
Dry volume residue	50±8% (depending on the colour and gloss grade)	
Dry film thickness and estimated consumption	Dry film thickness, microns	Estimated consumption, g/m <sup>2</sup>
min	60	132
max	200	440
Hardener	Polytex SQ, 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

Metal surface should be abrasive blasted to grade 1 or 2 to GOST 9.402 (Sa 2,5 or Sa 2 no ISO 8501-1:2007).  
Clean surface must be free from dust and grease.

**If the quality of surface preparation decreases, the service life and its operating performance may change.**



Собственное современное производство



Система Менеджмента Качества (ISO 9001)



Аттестованная лаборатория



На рынке с 2002 года



#### CONDITIONS

Two component polyurethane primer-enamel Polytex SQ is applied with ambient temperature from +5°C to +30°C and air humidity no more than 80%.  
Basis temperature higher than dew point no less than 3°C.

#### APPLICATION

<b>Blending</b>	Polyurethane primer-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.
<b>Proportions</b>	<p><b>Polytex SQ hardener</b> 100:5 by weight 15:1 by volume</p> <p><b>Polytex ST2 hardener</b> 100:5 by weight 17:1 by volume</p>
<b>Pot life at 20 ±2°C, no less</b>	5 hours
<b>Air-free spraying</b>	Thinning: 0-20% Nozzle diameter: 0,011-0,017" Initial pressure: 120-160 atm
<b>Air spraying</b>	Operational viscosity: 20-60 s Thinning: 5-30% Nozzle diameter: 1,8-2,5 mm Initial pressure: 3-4 atm
<b>Brush, roller</b>	Can be recommended for small and hard-to-reach areas. Thin the primer-enamel depending on the working conditions when using brush.
<b>Thinner</b>	Formula thinner RP-1K, RP-1KF
<b>Cleaner</b>	Formula thinners RP-1K, RP-1K F, thinners of type P4, P5, toluene and xylene.
<b>Finishing</b>	Tubing, pistol and other spraying tools must be cleaned after using.
<b>Cleaning</b>	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	2,5 h	45 min	35 min	30 min
Degree 3 (GOST 19007)	6 h	3 h 40 min	2 h	1,5 h	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.



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#### 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 SQ, 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 primer 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.

#### 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.

