



ООО «Полимер Экспорт»

ПРОМЫШЛЕННЫЕ ЛАКОКРАСочНЫЕ ПОКРЫТИЯ

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Manufacturer: Russian Federation  
TC 20.30.22-010-69372620-2022

## Primer Polytex SQ

### CERTIFICATE

Certificate of conformity to requirement documents № РОСС RU Д-RU.PA01.B.02600/23 от 01.02.2023 г.  
MSDS № 69372620.20.24319 от 27.04.2024 г.  
MSDS № 69372620.20.85257 от 14.11.2023 г.

### DESCRIPTION

Two component polyurethane primer, hardened by aliphatic polyisocyanate.

### FIELDS OF APPLICATION

**Polytex SQ primer enhances the protective anti-corrosion properties of a complex polyurethane coating that is used both indoors and in the open air. Provides long-term corrosion protection at temperature differential.**

It is used for priming the surfaces of vehicles: agricultural machinery, construction equipment, railway transport (all types of rolling stock), public transport (buses, trolleybuses, trams, etc.), machine tools, as well as various transport metal structures and metal products exposed to increased mechanical impacts.

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

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

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

### TECHNICAL DATA

Colour	Grey, light mustard (others by agreement)	
Mass fraction of dry residue component A	60-75 %	
Adhesion to metal (GOST 15140), no more	1 point	
Density component A	1,3±0,1 g/cm <sup>3</sup>	
Density components A+B	1,3±0,1 g/cm <sup>3</sup>	
Max. one layer thickness, viscosity 60 s	200 microns wet layer	
Dry volume residue	51±8%	
Dry film thickness and estimated consumption	Dry film thickness, microns	Estimated consumption, g/m <sup>2</sup>
min	50	127
max	120	306
Open time to grade 3 at 20 ±2°C, no more (wet film thickness 100 microns)	2 hours	
Hardener	Polytex ST2	
Readiness for operation	7 days	

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.

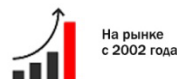
### INSTRUCTION FOR USE

Metal surface should be abrasive blasted to grade 1 or 2 to GOST 9.402 (Sa 2,5 or Sa 2 to ISO 8501-1:2007), surface finish grade St2 to ISO 8501-1:2007 is possible. 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.**

### 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	<p><b>Blending</b> Polyurethane primer 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.</p> <p><b>Proportions</b> 100:5 by weight 17:1 by volume</p> <p><b>Pot life at 20 ±2°C, no less</b> 5 hours</p> <p><b>Air-free spraying</b> Thinning: 0-20% Nozzle diameter: 0,011-0,017" Initial pressure: 120 -160 atm</p> <p><b>Air spraying</b> Operational viscosity: 25-60 s Thinning: 10-30% Nozzle diameter: 1,8-2,5 mm Initial pressure: 3-4 atm</p> <p><b>Cross linking at 20°C</b> 30 min</p> <p><b>Thinner</b> Formula thinner RP-1K,RP-1KF</p> <p><b>Cleaner</b> Formula thinner RP-1K, RP-1K F, as well as thinners of type P4, P5, toluene and xylene.</p> <p><b>Finishing Cleaning</b> Tubing, pistol and other spraying tools must be cleaned after using Clean straight after using due to painting equipment manual.</p>
PACKAGE SIZE	<p>Metal euro bucket 21 l: basis 20 kg Metal bottle 1 l: hardener 1 kg</p>
STORAGE	<p>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.</p>
GUARANTEED STORAGE LIFE	<p>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</p> <p>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. After expire date shouldn't be used without tests.</p>
HEALTH AND SAFETY	<p>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.</p>
RECYCLING	<p>Packing materials are recycled as consumer waste.</p>

#### 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.