



ООО «Полимер Экспорт»

ПРОМЫШЛЕННЫЕ ЛАКОКРАСОЧНЫЕ ПОКРЫТИЯ

8 (4932)773-503

raum-profile.ru
Inmarketing@gk-rp.ru



Release date: 14.08.2023
Manufacturer: Russian Federation
ТУ 20.30.22-008-69372620-2021

Enamel Polytex ST 3390

CERTIFICATE

Certificate of conformity to requirement documents № ПОСС RU Д-RU.PA02.B.12416/21 from 23.12.2021.
State Registration Certificate № RU.8.08.09.008.E.000041.02.22 from 11.02.2022.
Safety data sheet of chemical products from 28.01.2022.
System including enamel «Polytex» and primer «Eppex» undergone accelerated environmental tests in «LKP-Khotkovo-Test», LLC NPO «LKP» to confirm projected lifetime of the coating – 20 years

DESCRIPTION

Two component polyurethane enamel, hardened by aliphatic polyisocyanate with high weatherproof.

FIELDS OF APPLICATION

Polytex ST 3390 enamel is designed to paint pre-primed surfaces to create high-quality strong weatherproof coatings. It has an accelerated curing time and stable gloss.
It is used to paint commercial vehicles (vans, buses, trolleybuses, tow trucks, garbage trucks, cars intended for street washing, dumpers, food trucks, trailers etc.), as well as other primed metal surfaces with high requirements not only in appearance but also in wear resistance.
The enamel has good adhesion, bending strength, as well as enhanced hardness, strength and abrasion resistance. It is used in conditions of diverse aggressive impacts – chemical, atmospheric, mechanical as well as high humidity.
Information on the material resistance to various media is available on request.
Main fields of application: oil and gas industry, power engineering, capacitive equipment, mechanical engineering, chemical industry.

TECHNICAL DATA

Colour	Colour list of RAL	
Gloss	G035:0-35% G3570: 35-70% G7095: 70-95% G95:≥95	
Mass fraction of dry residue component A	50±5%	
Adhesion to metal (GOST 15140), no more	1 point	
Density component A	1,2±0,05 g/cm ³	
Density components A+B	1,17±0,05 g/cm ³	
Max. one layer thickness, viscosity 25 s	100 microns wet layer	
Dry volume residue	55±5%	
Dry film thickness and estimated consumption	Dry film thickness, microns	Estimated consumption, g/m ²
min	40	85
max	80	170
Open time to grade 3 at 20 ±2°C, no more (wet film thickness 100 microns)	7 hours	
Hardener	Polytex ST 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.



Собственное современное производство



Система Менеджмента Качества (ISO 9001)



Аттестованная лаборатория



На рынке с 2002 года



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INSTRUCTION FOR USE

Two component polyurethane enamel Polytex ST 3390 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	Polytex ST hardener 100:20 by weight 4,5:1 by volume Polytex ST2 hardener 100:17 by weight 5,5:1 by volume
Pot life at 20±2°C, no less	No less than 5 hours
Air spraying	Operation viscosity: 18-35 s Thinning: 5-30% Nozzle diameter: 1,4-1,8 mm Initial pressure: 3-4 atm
Cross linking at 20°C	30 min
Brush, roller	Can be recommended for small and hard-to-reach areas. Thin the primer-enamel depending on the working conditions when using brush.
Thinner	Formula thinner Polytex, Polytex SLOW.
Cleaner	Formula thinner Polytex, 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.

PACKAGE SIZE

Metal euro bucket 21 l: basis 16 kg
Metal bottle 5,2 l: hardener 3,2 kg (Polytex ST hardener)
Metal bottle 3 l: hardener 2,8 kg (Polytex ST2 hardener)

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

Expire date is 12 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 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.



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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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