



000 «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

Primer - enamel Polytex BST

CERTIFICATE

Declaration of Conformance № РОСС RU Д-РУ.РА02.В.12416/21 from 23.12.2021.
State Registration Certificate № RU 8.08.09.008.E.000040.02.22 from 11.02.2022.
Chemical product Safety Data Sheet dated 28.01.2022.

DESCRIPTION

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

FIELDS OF APPLICATION

POLYTEX BST enamel primer, due to the corrosion inhibitor, actively prevents rust formation, so possess long-term protective and high decorative characteristics. It is available with various degrees of gloss: from deep matt to glossy as well as there is a wide choice of color solutions. It does not need pre-priming.
Suitable for repair work.

POLYTEX BST is used to paint and give long-term anti-corrosion protection of concrete, reinforced concrete and metal structures operated in the conditions of industrial atmosphere of moderate, cold and marine climate, including railway bridges, road bridges, road fences, construction cranes, power line supports, pipeline supports, antenna-mast structures, ground parts of piles, supports of pipeline overpasses, external surfaces of pipelines, external surfaces of diverse tanks, and tanks for storing chemical reagents and petroleum products, underwater parts of hydraulic facilities and other metal structures and equipment exposed to atmospheric corrosion.

PolytexBST enamel primer has good adhesion, bending strength, increased resistance to moisture, as well as increased hardness, strength and abrasion resistance, oil and gasoline resistance, and resistance to mineral fertilizers. It is used in conditions of diverse aggressive impacts – chemical, atmospheric, mechanical.

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

Main applications: oil and gas industry, power engineering, mechanical engineering, chemical industry.

TECHNICAL DATA

Colour	Colour list of RAL	
Gloss	G035: 0-35% G3570: 35-70%	
Mass fraction of dry residue component A	65±5% (depending on colour and gloss)	
Adhesion to metal (GOST 15140), no more	1 point	
Density component A	1,39±0,06 g/cm ³	
Density components A+B	ST, ST2 1,34±0,08 g/cm ³ ST2S 1,24±0,08 g/cm ³	
Max. one layer thickness, viscosity 100 s	500 micron wet layer	
Max. one layer thickness, viscosity 25 s	250 micron wet layer	
Max. one layer thickness, viscosity 50 s	400 micron wet layer	
Dry volume residue	ST, ST2 60±3 % ST2S 47±3 %	
Dry film thickness and estimated consumption	Dry film thickness, micron	Estimated consumption, g/m ²
min	40	90
max	260	580
Open time to grade 3 at 20±2°C, no more (wet film thickness 150 microns) at 60±2°C (dry film thickness 100 мкм)	3 hours 30 min	
Hardener	Polytex ST Polytex ST2 Polytex ST2S	
Readiness for operation	7 days	



Собственное современное производство



Система Менеджмента Качества (ISO 9001)



Аттестованная лаборатория



На рынке с 2002 года



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).

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

Ambient temperature from +5°C to +30°C.

Relative air humidity no more 80%.

APPLICATION

Blending

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.

Proportions

Polytex ST hardener

100:11,5 by weight

7:1 by volume

Polytex ST2 hardener

100:10 by weight

9:1 by volume

Polytex ST2S hardener

100:25 by weight

3:1 by volume

Pot life at 20 ±2°C, no less

4 h

Air-free spraying

Thinning: 5-30%

Nozzle diameter: 0,011-0,017"

Initial pressure: 120-160 atm

Air spraying

Operational viscosity: 25-100 s

Thinning: 5-35%

Nozzle diameter: 1,8-2,5 mm

Initial pressure: 3,0-4,0 atm

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, RP-1K.

Cleaner

Formula thinner Polytex, thinner of type P-4.

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 18 kg

Metal bottle 3 l: hardener 2,1 kg (Polytex ST hardener)

Metal bottle 3 l: hardener 1,8 kg (Polytex ST2 hardener)

Metal bottle 5,2 l: hardener 4,5 kg (Polytex ST2S 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 primer enamel only in places without



ООО «Полимер Экспорт»

ПРОМЫШЛЕННЫЕ ЛАКОКРАСОЧНЫЕ ПОКРЫТИЯ

☎ 8 (4932)773-503



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



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.



Собственное
современное
производство



Система
Менеджмента
Качества
(ISO 9001)



Аттестованная
лаборатория



На рынке
с 2002 года