



000 «Полимер Экспорт»

ПРОМЫШЛЕННЫЕ ЛАКОКРАСочНЫЕ ПОКРЫТИЯ

8 (4932)773-503



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Release date: 14.08.2023
Manufacturer: Russian Federation
TC 20.30.22-007-69372620-2021

Enamel ALURON AL

CERTIFICATE

State Registration Certificate № RU.37.ИЦ.02.015.E.000005.02.12 from 22.02.2012.

DESCRIPTION

Single component enamel ALURON AL based on synthetic polymer and zinc powder.

FIELDS OF APPLICATION

Aluron AL enamel is used for steel products and structures long-term corrosion protection. It has high weather-resistant, anticorrosive, wear proof properties as well as a good decorative effect. The aluminum powder contained in the enamel improves coating protective properties due to the barrier effect.

It is used for anticorrosive protection of metal pipes and steel structures, for painting steel and water tanks, power line supports, hangars, galvanized roofs and domes, pipelines and oil and gas pipelines, bridges and hydraulic facilities, metal platforms, overpasses and floating docks as well as any metal structures operated in water-saline mist conditions.

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

Main fields of application: capacitive equipment, transport construction, power engineering, railway transport facilities, oil and gas facilities.

TECHNICAL DATA

Colour	Silvery-grey, shade is not standardized	
Gloss	Matt	
Mass fraction of dry residue	45±5%	
Adhesion to metal (GOST 15140), no more	1 point	
Density	1,15±0,05 g/cm ³	
Max. one layer thickness without thinning	200 microns wet layer	
Max. one layer thickness, viscosity 18-25 сек	150 microns wet layer	
Dry volume residue	35±5 %	
Dry film thickness and estimated consumption	Dry film thickness, microns	Estimated consumption, g/m ²
	min	40 131
	max	70 230
Open time to grade 3 at 20 ±2°C, no more (wet film thickness 100 microns)	30 min	
Readiness for operation	7days	

INSTRUCTION FOR USE

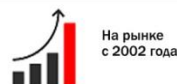
Primed surface should be free of grease before coating. Use as a degreaser water-based cleansing agents with pH 6-8. Dry the surface. **Don't use solvents as degreasers!**

CONDITIONS

Basis temperature higher than dew point no less than 3°C.
Ambient temperature from -10°C to +35°C.
Relative air humidity no more 80%.

APPLICATION

Preparing	Ready to use. Stir thoroughly before use with mixer. Thin if needed with formula thinner RP-1K, RP-1K F. Should be mixed while operating.
Air-free spraying	Thinning: 0-5% Nozzle diameter: 0,011-0,017"





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	Initial pressure: 120-160 atm
Air spraying	Operational viscosity: 30-60 s Thinning: 5-10% Nozzle diameter: 1,8-2,5 mm Initial pressure: 3,0-4,0 atm
Cross linking at 20°C	10-20 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 RP-1K, RP-1K F
Cleaner	Formula thinner RP-1K, P-4, RP-1K F
Finishing	Tubing, pistol and other spraying tools must be cleaned after using.
Cleaning	Wash the tools after using immediately. The frequency of washing depends on the amount of sprayed material, the temperature and the time since the shutdown, including any time lag.

PACKAGE SIZE

Metal euro bucket 21 l: 18 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

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 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