

## ООО «Полимер Экспорт» промышленные лакокрасочные покрытия

**8** (4932)773-503





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## Primer-enamel ALURON UR

CERTIFICATE

State Registration Certificate № RU.8.08.09.008.E.000191.07.22 from 12.07.2022. Chemical Safety Data Sheet from 26.02.2025
Declaration of Conformity № POCC RU Д-RU.PA01.B.16552/25 from 27.05.2025

DESCRIPTION

Single component anti-corrosion alkyd-urethane-based primer-enamel direct to metal.

FIELDS OF APPLICATION

ALURON UR primer enamel is used to protect metal surfaces exposed to weather conditions and increased abrasion. It is convenient to use in industries where the technological process of painting does not require rapid drying, but the treated surfaces are required to be abrasion resistant and durable. It is used for vehicles internal and external surfaces decorative finishing: agricultural machinery, construction equipment, railway transport (all types of rolling stock), public transport (buses, trolleybuses, trams, etc.) as well as various transport metal structures and metal products being exposed to increased mechanical stress. It is recommended for painting agricultural machinery, machine tools, process equipment, metal supports.

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

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

construction.

**TECHNICAL DATA** 

**Colour** Colour list of RAL

Gloss G035: 0-35%; G3570: 35-70%

Mass fraction of dry residue 57±5% (depending on colour and gloss grade)

Adhesion to metal (GOST 15140), no more 1 poin

**Density** 1,1- 1,3 g/cm<sup>3</sup>

Max. one layer thickness without thinning 90 microns dry layer

200 microns wet layer

Max. one layer thickness, viscosity 40 s 40 microns dry layer

150 microns wet layer

Dry volume residue 45±5 %

**Dry film thickness and estimated consumption** Dry film thickness, microns Estimated consumption,

g/m<sup>2</sup>

 min
 60
 153

 max
 120
 306

Open time to grade 3 at 20 ±2 °C, no more (wet 5 hours

film thickness 100 microns)

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 Sa 2,5 or Sa 2 to GOST R ISO 8501-1-2014. 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 +35°C. Relative air humidity no more 80%.

**APPLICATION** 







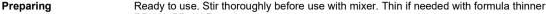




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RP-1K, RP-1K F

Air-free spraying Thinning: 0-10%

Nozzle diameter: 0,011-0,017" Initial pressure: 120-160 atm

Air spraying Operational viscosity:25-60 s

Thinning: 10-30%

Nozzle diameter:1,8-2,5 mm Initial pressure: 3,0-4,0 atm

Cross linking at 20°C 1-2 hours

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, RP-1K F, thinners of types P4, P5.

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: 20 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.

**GUARANTED STORAGE LIFE** 

ALURON primer enamel guaranteed shelf life is 12 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.

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.







