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Manufacturer: Russian Federation  
TC 20.30.22-004-69372620-2020

## Primer - enamel ALURON

### CERTIFICATE

State Registration Certificate № RU. 8.08.09.008.E.000191.07.22 from 12.07.2022.  
Declaration of Conformance № РОСС RU. Д-РУ.РА01.В.15536/22.  
MSDS № 69372620.20.25788 от 26.02.2025

### DESCRIPTION

Single component anticorrosion alkyd-urethane-based primer-enamel (DTM).

### FIELDS OF APPLICATION

**Primer enamel ALURON is a non-pre-priming material with good decorative and anti-corrosion properties to protect metal, concrete and reinforced concrete surfaces with high requirements for open time, multipurpose application and service life in industrial conditions.**

Used for corrosion protection of the inner and outer surfaces of various vehicles (agricultural machinery, construction equipment, public transport, rail transport) as well as to protect bearing and enclosing structures of buildings, bridges, pipelines, various pipes, antenna-mast structures, industrial buildings frameworks, community centers, shopping malls, spans of bridges, etc.

**Information on material resistance to different environments is available upon request.**

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

### TECHNICAL DATA

Colour	Colour list of RAL	
Gloss	G035: 0-35%; G3570: 35-70%; G7095: 70-95%	
Mass fraction of dry residue	G035: 55-65% G3570: 50-60% G7095: 50-60%	
Adhesion to metal (GOST 15140), no more	1 point	
Density	G035, G3570: 1,1-1,35 g/cm <sup>3</sup> G7095: 1,0-1,35 g/cm <sup>3</sup>	
Max. one layer thickness without thinning	300 microns wet layer	
Max. one layer thickness, viscosity 25 s	200 microns wet layer (with thinner RP-1KF)	
Dry volume residue	45±5%	
Dry film thickness and estimated consumption	Dry film thickness, microns	Estimated consumption, g/m <sup>2</sup>
min	60	160
max	120	320
Open time to grade 3 at 20±2°C, no more (wet film thickness 100 microns)	from 1 h to 5 h (depending on gloss grade)	
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). 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.**





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#### 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

<b>Preparing</b>	Ready to use. Stir thoroughly before use with mixer. Thin if needed with formula thinner RP-1K, RP-1K F
<b>Air-free spraying</b>	Thinning: 0-20% Nozzle diameter: 0,015-0,017" Initial pressure: 120-160 atm
<b>Air spraying</b>	Operational viscosity: 25-60 s Thinning: 10-30% Nozzle diameter: 1,8-2,5 mm Initial pressure: 3,0-4,0 atm
<b>Cross linking at 20°C</b>	30 min - 5 hours. One layer coating is recommended. Inobservance of re-coating mode can cause paint damage.
<b>Brush, roller</b>	Can be recommended for small and hard-to-reach areas. Thin the primer-enamel depending on the working conditions when using brush.
<b>Thinner</b>	Formula thinner RP-1K, RP-1K F
<b>Cleaner</b>	Formula thinner RP-1K, RP-1K F, thinners of types P4, P5, toluene and xylene.
<b>Finishing</b>	Tubing, pistol and other spraying tools must be cleaned after using
<b>Cleaning</b>	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

The material packed in a metal eurobucket with a volume of 21 liters should be stored 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

ALURON 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

21 liters metal eurobucket should be disposed of as household 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.



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