

Дата составления: 1.08.2025

Страна производитель: Российская Федерация

TC 20.30.22-004-69372620-2020

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 engineering, 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 point	
Density	1,1- 1,3 g/cm ³	
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 ²
min	60	153
max	120	306
Open time to grade 3 at 20 ±2 °C, no more (wet film thickness 100 microns)	5 hours	

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

Preparing	Ready to use. Stir thoroughly before use with mixer. Thin if needed with formula thinner 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.

GUARANTEED 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.