



Release date: 01.12.2020
Manufacturer: Russian Federation
TY 2312-016-20514586-2009

Primer - enamel ALURON

CERTIFICATE

State Registration Certificate № RU.37.ИЦ.02.015.E.000005.02.12 from 22.02.2012.
Declaration of Conformance № РОССТУ.АГ81.Д19889 from 21.12.2017.
Accelerated environmental tests in «LKP-Khotkovo-Test», LLC NPO «LKP» to confirm projected lifetime of the coating – 10 years.

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	65±5% (depending on colour and gloss grade)	
Adhesion to metal (GOST 15140), no more	1 point	
Density	1,25±0,05 g/cm ³	
Max. one layer thickness without thinning	150 microns dry layer 300 microns wet layer	
Max. one layer thickness, viscosity 25 s	80 microns dry layer 200 microns wet layer (with thinner RP-1KF)	
Dry volume residue	50±5%	
Dry film thickness and estimated consumption	Dry film thickness, microns	Estimated consumption, g/m ²
min	60	150
max	120	300
Open time to grade 3 at 20°C, no more (wet film thickness 100 microns)	from 60 min to 5 h (depending on gloss grade)	

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^{1/2}) 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

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%.



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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	No more than 5 hours. One layer coating is recommended. Inobservance of re-coating mode can cause paint damage.
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, methyl benzene, dimethyl benzene.
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: basis 20 kg

STORAGE

Store in a tightly closed container in a dry room, away from sources of ignition, protecting from 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.



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Система Менеджмента Качества (ISO 9001)



Аттестованная лаборатория



На рынке с 2002 года