

ALISTERUS 1702

anti-graffiti top coat
(TS 20.30.12-011-69044442-2020)



Description

ALISTERUS 1702 is a top coat with the silicone components.

Recommended use

Anti-graffiti protection for mineral surfaces of the structures and buildings (concrete, plaster, natural stone, brick), operated in the atmospheric environment of all macroclimatic areas, types of atmosphere and placement categories in accordance with GOST 15150.

It is used as a top coat with ALISTERUS 3105 in systems of concrete and mineral surface protecting produced by Alisterus LLC.

Certificates, approvals

Certificate of state registration No. RU.60.01.40.015.E.000003.01.21 dated 22.01.2021.

It is approved by the test center of Research Institute of Transport Construction JSC (TsNIIS JSC).

Technical data

Color and appearance	Transparent, semi-gloss
Thickness of one coat, μm	80-90
Adhesion	1, not more than
Heat resistance in the open air	100°C
Coating class (GOST 9.032)	V
Graffiti removal by water, pressure	100-120 atm.
Density, g/cm^3 (non-tinted)	0.9-1.0
Viscosity	thixotropic
Solids by mass, %	65.0-69.0
Theoretical spreading rate for one coat, g/m^2	180-200
Recommended number of coats	
- self coating on mineral surfaces	2, not less than
- as top coating with other paintwork materials	1-2
Drying time 3 degree (GOST 19007), at $(20\pm 2)^\circ\text{C}$	8 h, not more than

Surface preparation

Prior to ALISTERUS 1702 application, the primer coating should be free of dirt, dust, moisture, ice and degreased.

When used in conjunction with ALISTERUS 3105, it is recommended to apply ALISTERUS 1702, after drying to degree 3 according to GOST 19007.

Application

- Stir thoroughly before use to the homogenous condition;
- If necessary, dilute with the ALISTERUS 5001 solvent to the working viscosity immediately before application;
- It is recommended to apply ALISTERUS 1702 at the temperatures between +5 and +30 °C and relative humidity between 30 and 80 %;
- it is forbidden to use the material on frozen and damp substrates, also with condensation moisture. The temperature of the surface to be painted must be above the "dew point" at least 3°C.

Application methods:

Airless spray

Recommended thinner	ALISTERUS 5001 (if necessary)
Quantity	up to 5 % by mass
Nozzle diameter	0.013" - 0.021" (0.33 - 0.53 mm)
Pressure	10 - 15 MPa (100 - 150 bar)

Air spray

Recommended thinner	ALISTERUS 5001 (if necessary)
Quantity	up to 5 % by mass
Nozzle size	1.8 - 2.2 mm
Pressure	0.2 - 0.4 MPa (2 - 4 bar)

Brush/roller

Recommended thinner ALISTERUS 5001 (if necessary)
Quantity up to 5 % by mass

Equipment cleaning

White spirit, petroleum solvent
Due to the fast curing of the coating, it is recommended to clean equipment immediately after the end of work

Drying of the coating is natural. In the case of multi-coat coatings, each subsequent layer of ALISTERUS 1702 should be applied after drying of the previous layer to the 3rd degree (GOST 19007).

The complete drying time of the coating before use is 7 days.

Removing the film of unauthorized graffiti from the surface of the anti-graffiti varnish carried out manually (with small areas of vandal drawings) or water under pressure 100-120 bar using Karcher or similar units, specific conditions washes by prior arrangement.

Packing and storage

ALISTERUS 1702 is supplied in the metal containers.

It is recommended to store in a tightly closed and sealed container without exposure to air and moisture, in the closed warehouse at an ambient temperature from +5 to +25°C. During storage, the container shall not be exposed to atmospheric precipitation and direct sunlight.

The guaranteed shelf life in a tightly close and sealed manufacturer's container should be 12 months from the date of manufacture. After opening the package, the varnish should be used within no more than 24 hours.

Safety precautions

When working with ALISTERUS 1702, it is necessary to comply with the relevant industry codes and requirements, as well as the precautions indicated on the container label.

It is necessary to use personal protective equipment (goggles, masks, breathing masks), avoid inhalation of solvents during evaporation and contact of the compound with the skin, eye mucous membranes and respiratory tract; indoor use with adequate ventilation only.

ALISTERUS 1702 is the fire hazardous material.

The information is of general character, without consideration to the object specific nature and it is recommended to be read with the Operating Procedure. Use of materials for other purposes not specified here or in case other influencing factors are present shall be approved by the VMP Holding CJSC in writing. In case of absence of such approval the manufacturer is not held liable for the improper use of the material and the buyer falls from the right to present claims connected with the coating quality.

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