

Atlantic Frigate

PAINT FOR ROAD MARKINGS



About the Product

Paint "Atlantic Frigate" is a suspension of pigment and fillers in a hydrocarbon solution of acrylate copolymers with the introduction of a complex of additives to increase the service life.

Scope of Usage

Enamels "Atlantic Frigate" are intended for drawing safety lines with increased wear resistance on the carriageway of public roads with heavy traffic on asphalt concrete and cement concrete coatings, as well as for marking the necessary coatings.

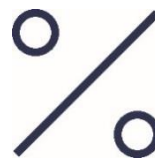
Durability of Atlantic Frigate enamels

Our paints are designed for a long service life. Bench tests have shown this, which have shown excellent results:

- adhesion of at least 4 MPa,
- minimum wear on the abrasimeter in dry and wet weather when modeling conditions of high traffic intensity,
- spike wear resistance of coatings, as evidenced by the results of tests on CRT-PRALL equipment



5 minutes
quick drying after application



Less than 20%
less emissions of volatile components and odor. More visibility at night



up to 1 year
service life of the road markings

All of our expertise will be at your service.

Characteristics

Parameter	Product Guidelines	Test Results
Appearance	White homogeneous movable mass without impurities	conforms
Density, g / cm ³ , in the range of	1,3 – 1,6	1,5
Brightness coefficient of the dried film of paints,%, not less than	80	88
Conditional viscosity at a temperature of (20 ± 2) ° C according to a VZ-246 viscometer with a nozzle diameter of 4 mm, sec.	60-140	115
Fineness of grind, microns, not more than	50	30
Mass fraction of nonvolatile substances, %, in the range of	60 – 80	78
Mass fraction of nonvolatile substances, %, in the range of	5 – 30	15
Adhesion to glass, score, no more than	2	1

Application

The paints are delivered ready to use and do not need to be diluted with a solvent. If necessary, it can be diluted with a complementary diluent. Before use, the paint should be mixed in the packaging for a short time with a mechanized method, or another automatically-mixing device until a uniform state is restored.

The marking must be applied in dry weather on road surfaces cleared of dust, sand, dirt, traces of oils at an ambient temperature of at least 5 ° C. In order to avoid discoloration of the white marked markings in the direction of yellow, it is recommended to apply marking material on the surface with minimal sweating of bitumen and laid at least 50 days before the planned marking date

Recommended paint consumption: 400 - 500 g / m²

To ensure the best retroreflective effect in the dark, it is recommended to sprinkle 100-600 microns fractions with micro-glass beads on freshly applied markings.

Recommended micro-glass bead consumption: 300 - 400 g / m².

Delivery

Paint brand Atlantic Frigate is available in two primary colors: white and yellow. Delivered in 25L metal containers.

Conclusion

Road marking of the Atlantic Frigate brand complies with the requirements of GOST R 52575-2006 and GOST 32830-2014 and is designed for a long period of operation.

All of our expertise will be at your service.