

# ANTI-ICING thin coating “FLUORA-C”

[epilam.ru](http://epilam.ru)

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## APPLYING

“FLUORA-C” thin-layer protective coatings are used for processing oil platforms, antennas, crane equipment, sea vessels, roofs of buildings. Provide low adhesion of contiguous particles of water, frost, snow, ice on the treated surfaces. **Attention:** Plastic, composites, polymers are likely to corrode. For plastic / composites / polymers, a modification is intended for "Fluora-C2"



## USING

The composition of all “FLUORA®” protective coatings is specially selected to provide a combination of consistent reliable performance with ease of coating. These products, sold under the brand name "FLUORA®", provide environmentally sound a solution based on a balance of safety, performance and environmental impact.

## PRE-CLEANING

Specialized cleaners are recommended “Fluora-A” is a family of solvent substances with improved properties that provide the optimal balance of safety and operational characteristics. Suitable as cleaning solvents.

## THICKNESS

The thickness of the adsorbing film is up to 100 nanometers, the total layer is up to 1 micron

## TEMPERATURE

Tolerates exposure to temperature up to -70 ° C without degradation of performance properties.

## PACKING

5kg, 10kg, 20kg, 200kg

## PROPERTIES

- Excellent protective anti-icing, anti-adhesive properties, imparting hydrophobicity
- Reduces sticking of a sleet, hoarfrost
- Forms a stable protective-separating layer to dirt.
- Chemically inert substances
- Long duration (average 1 season)

## ADVANTAGES

They are polymers with efficiency advantages that have long distinguished “FLUORA®” from competing technologies for producing thin-layer coatings, such as hydrocarbon or silicone  
Not a flammable liquor.

## IMPACT ON ECOLOGY

- Do not contain toxic reagents
- Not carcinogenic.
- Not explosive
- Does not irritate.
- Safety data sheet available

## APPLICATION

- Can be applied by spraying, dipping, wetting, roller
- Low composition
- The estimated amount of the composition is 1 kg per 10-12 m<sup>2</sup> surface

## DRYING TIME

- No training requirements
- Dries in 30 minutes without the need for heat treatment
- You can work without waiting for drying

## COLOR

- Transparent (depends on the surface)



Areas of use	INDUSTRY
	EPILAM-05 FLUORA-C
Ropes, crane equipment, wires	
Bulk platforms, oil storages, tanks	
Drones, ships, mining	

## SPECIFICATION

Application area	All areas of industry can be applied in the service of vessels, oil-producing platforms, oil storages, roofs, antennas and other areas
Effect	It creates a thin protective coating that can significantly reduce the adhesion coefficient (sticking)
Density at t=20°C	0,8-1,3 g/cm <sup>3</sup>
Consumption rate, 1 L Number of layers	at 10 ... 12 m.kv (on average) single layer
Drying time	Up to 30 min
Application temperature :	-20°C ... +50°C

## MODIFICATIONS OF «EPILAM-05 FLUORA-C»

FLUORA-C	ANTI-ICING with average values
FLUORA-C1	ANTI-ICING for unpainted surfaces, metals, alloys
FLUORA-C2	ANTI-ICING for painted surfaces, plastics and composites
FLUORA-C3	WATER REPELLENT

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