

ANTI-KOROZIN E

*Two component, anti-corrosive, epoxy resin-based coating
for protection of steel surfaces*

FIELD OF APPLICATION

For anticorrosive protection of metal surfaces and as a primer in systems with epoxy and methyl-methacrylate finishing coatings.

PROPERTIES

Excellent adhesion to substrate;
Easy to apply;

TECHNICAL FEATURES

PROPERTY	METHOD	DECLARED VALUE
Appearance	-	A component: Pasty mixture in red and gray color B component: viscous liquid with a honey color and a characteristic smell
Density		A comp. (1.75 – 1.81) g/cm ³ B comp. (0.96 – 1.02) g/cm ³
Pot-life at T=20-25 °C	EN ISO 9514	2-3 h
Mixing ratio		A : B = 6 : 1
Drying time (touch dry) of a film of 100μ at T=20-25 °C		30 - 40 minutes
Curing time (hard dry) of a film of 100μ at T=20-25 °C		1 - 2 h
Hardness - Shore D after 1 day	EN ISO 868	30 - 40

METHOD OF APPLICATION

SUBSTRATE PREPARATION

The substrate should be clean, degreased, dry and sandblasted. The application of Antikorozi E should be done immediately after sandblasting the substrate.

APPLICATION

Before mixing A and B component together, it is necessary to mix component A by using a slow electric mixer until a completely uniform mixture is obtained.

The material is prepared in such a way that component B is poured into component A in the prescribed ratio and they are mixed together by using an electric mixer (200-300 revolutions/minute) until a completely uniform mixture is obtained.

The prepared material should be applied mechanically under pressure by means of airless spraying under pressure of 200-300 bars with a nozzle of 6.45 – 7.45 at a distance of 20-30cm from the substrate (these data may vary depending on the type of spraying tool) or manually in two layers by using a wool paint roller or a brush.

Each new layer should be applied on top of a completely cured layer.

During the application of Antikorozi E, the temperature of the substrate should range between +5 C and +25 C.

During the application of Antikoroziin-E, the ambient temperature should be between +5 °C and +30 °C, whereas the ambient air humidity should be <70%. If the process of applying the material is made difficult because of the temperature conditions, Solvent P (Rastvoruvac P) may be added to the mixture (mixed A and B component) up to a maximum of 5.0%.

The total dry film thickness of the coating should amount to 50 - 80µ.

CONSUMPTION

For a layer of freshly applied film of 100µ : 0.17 – 0.19 kg/m²

CLEANING

The tools and equipment should be cleaned with SOLVENT P (RASTVORUVAC P) immediately after use.

PACKAGING

In a set of 4.67 kg: A component 4.0 kg and B component 0.67 kg;

In a set of 21.0 kg: A component 18.0 kg and B component 3.0 kg;

STORAGE

In a dry area, in original, closed packaging, at temperature between 5°C and 35°C, protected from exposure to direct sunlight and freezing, away from sources of heat/sparks.

Shelf life: 9 months.

STANDARD COLOURS

Red and gray.

Health hazards: The product contains reactive ingredients, which if unbound, may have an adverse health effect. When handling the product it is mandatory to use protective equipment: gloves, goggles, respiratory mask. Avoid contact of the product with the skin. In case of accidental contact, wash immediately with water and soap. If the material splashes into the eyes, rinse them immediately with plenty of water and seek medical attention. If swallowed, immediately seek medical attention.

Fire: Antikoroziin EBR and Rastvoruvac P (Solvent P) contain flammable ingredients. Keep away from open fire. Smoking during application is prohibited.

Cleaning and disposal: Loose residues of Antikoroziin E should be cleaned with Rastvoruvac P (Solvent P). The old and used packaging should be disposed of in accordance with local rules and regulations for that type of waste.

We recommend that the method of application and the necessary quantities should be adjusted to the conditions on site, as well as mandatory use of appropriate equipment. Additional information about the product is provided in the Safety Data Sheet.