

GROUND COATS (Primers)

1. Epoxide ground coat

Two component structure on the base of fluid epoxide resin in combination with solvents, pigments, additives and hardener, which is to be added when applying. Good adhesion to metal and concrete surfaces.

Compatible with other ground coats and varnishes - polyester, polyurethane, vinyl-ester, phenol compositions.

2. Epoxide ground coat on water base

Three component structure of epoxide resin hardener water.

It is used for ground coating of moist concrete (fresh concrete) surfaces with content of moisture not more than four weight percent (8-10). It provides for good adhesion with concretes. Good base for applying of other ground coats and varnishes on base epoxide, polyester, vinyl-ester polyurethane etc.

3. Zinc epoxide ground coat

Highly filled with micronized pulverized zinc (5 microns) ground coat on base epoxide resin, which is used both on cleaned and not well cleaned of rust metal surfaces, including galvanized sheet irons.

4. Zinc phosphate epoxide ground coat

Two component ground coat on epoxide base, containing in its structure zinc phosphate as a filler. The presence of the phosphate ensures good phosphating properties of the ground coat and its application both on cleaned and not well cleaned of rust metal surfaces.

5. Epoxide tar ground coat

Two component ground coat with hardener on base epoxide resins, coal-tar, solvents, additives, fillers.

Application - for metal and concrete facilities, subject to influence of water (technical, waste), petroleum derivatives (gas, crude oil, mazut, naphtha), subterranean corrosion by salts, water, microorganisms, moulds, slightly sour and slightly alkaline media (pH = 5-8)

6. Vinyl-ester ground coat, modified with rubber

Vinyl-ester ground coat, modified with rubber is a two component structure with hardener (fluid or pulverized), which is applied in the moment of use. It is used for ground coating of ferrous and non-ferrous metals, concrete, ceramics, enameled surfaces. It is applied on dry and moist surfaces (concrete). The cover of the ground coat differs from the other used ground coats with the best adhesion and physical and mechanical indicators (compressive, impact, bending, tensile strength, abrasion, erosion). The ratio of linear thermal expansion and the module of elasticity allow that the cover becomes subject to different in strength deformations, mechanical loads and tensions.

7. Aluminum containing silicone ground coat

Single component air drying ground coat on the base of silicone resins in combination with additives, fillers, pigments. It is used for ground coating of metal surfaces. It has a very good adhesion to metal, high speed of surface drying. The cover has a high atmosphere, cold and thermal resistance (-50 up to +400°C), as well as excellent hydro insulating indicators.

8. Silicate ground coat

A medium for impregnation of cement, plaster, wooden, ceramics surfaces with the aim of acquiring water resistance. The treated surfaces have a better mechanical strength, atmosphere resistance and water resistance.

9. Zinc silicate ground coat

Two component: (component A - ethyl silicate, component B - micronized pulverized zinc - 5 microns), highly filled with zinc protective ground coat. It is applied on cleaned and not well cleaned metal surfaces, including galvanized surface with recommended thickness of the film 50 - 80 microns (1-2 layers). It is used as an independent cover and as a base for applying other covers, too. Application area - protection of ferrous metals, bridge, seaport, railroad, energetic, building constructions, pipelines, cisterns, reservoirs with temperature resistance up to 350°C and high atmosphere resistance (UV) rays, vapour, salts.

10. Vinyl ground coat

Single component air drying ground coat on base of the vinyl resin in combination with solvents, pigments, fillers, additives, tixotropic additives. It has a good adhesion to ferrous and non-ferrous metals (aluminum, galvanized surface), concrete, wood, some plastics, ceramics etc. Compatible with other ground coats and varnishes - epoxide, epoxide tarry, polyester, vinyl-ester, polyurethane, acrylic. Advantages - quick drying, possibility for applying and drying in low temperatures (under 10°C).

11. Zinc vinyl ground coat

It combines the advantages of the zinc powder as protector, possibility for application on not well cleaned of rust metal surfaces. It has chemical resistance, plasticity, high atmospheric resistance, low level of aging, hardly inflammable with the good physical and chemical properties of the vinyl resin.

12. Aluminum containing vinyl ground coat

Filled with aluminum vinyl ground coat with high light resistance (UV) rays, light reflecting property, chemical resistance and good physical and chemical properties of the vinyl resin.