



ОГНЕЗАЩИТНЫЕ КРАСКИ

ПОКРЫТИЕ ЗДАНИЙ
И СООРУЖЕНИЙ



UNIVERSAL FIREPROOFING AGENT “FIRE MASK”

Fire-retardant agent used for steel structures and representing a suspension of pigments and fillers solution of organic varnishes with the addition of components that give the coating fire-retardant properties

Recommendations for use

Designed to increase the fire resistance and protection from destruction of metal structures operated in atmospheric conditions and indoors in case of fire

SPECIFICATIONS

Color	White
Appearance and color of the fire retardant film of fire-proofing coating	After drying, the fire retardant should form a smooth matte uniform finish coating without blisters, craters, pores and wrinkles of the surface
Mass fraction of non-volatile matter content	70±2%
Specific weight	1,2 ±0,5 г/см ³
Theoretical consumption	1,5 -2 м ² /литр
Recommended dry film thickness	Minimum 200 mcm or according to the report to ensure the required fire-resistance time
Recommended wet film thickness	400 mcm
Drying period at temperature (20±2) °C, no more:	– up to degree 3 - 1 hour – up to degree 5 - 24 hours

RECOMMENDATIONS FOR APPLICATION

Spraying method	Brush, brayer, paint sprayer
Solvent(volume)	5-10% depending on spraying method
Type of solvent	P-4, P-4A
Airless spraying	220 PSI/0,017”
Compressed-air spraying	Atomizing pressure: 50 PSI

Recommended system

Before applying the fire retardant, the surface must be cleaned of dust and dirt, residues of previously applied paints, primers, and other compositions. The surface may be pre-treated using primers for metal. In the case of applying a fire retardant to the surface of nonferrous metal necessary to treat the surface with primer for nonferrous metals

Specific properties

Fire-retardant properties of the coating are based on its ability to swell at high temperatures and form a foamed material (coked cellular material) with high thermal insulation properties. Application of fire retardant is made in several layers up to a thickness that provides the required fire resistance time of metal structures

Storage life

Storage life of the product in closed container in warehouses is 18 months from the date of manufacture.

NOTE: The manufacturer guarantees the quality of the fire retardant subject to the conditions of transportation, storage and instructions for use