



FIRE RETARDANT FOR METAL STRUCTURES

■ INVAMAT 670M FIRE RETARDANT FOR METAL STRUCTURES

INVAMAT 670M composition for constructive fire retardation of metal structures is intended for applying fireproof coatings of intumescent type with a thickness of 3 mm or more. In accordance with the new edition of GOST R 53295, such coatings are classified as constructive fire protection and can be used in buildings of the I and II categories to provide the required fire resistance of load-bearing elements.

Nett reinforcement is not required when using INVAMAT 670M, the laboriousness of works on fire protection of metal structures using INVAMAT 670M is significantly lower than using traditional constructional materials, such as basalt, fiberglass, vermiculite plates and mats.

INVAMAT 670M composition for constructive fire retardation of metal structures is a complex system of organic and inorganic components in the form of an intumescent paste.

PROPERTIES:

1. One-component, ready-to-use formulation.
2. Can be used on top of a large range of primers.
3. Does not release harmful substances during application and storage. The solvent is water.
4. Does not have harmful effects on the human and animal bodies.
5. Does not require high qualification of personnel and additional equipment.

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SPECIFICATIONS OF INVAMAT 670M:

Density, g/cm ³	1,35 g/cm ³
Appearance	Dark gray highly viscous paste
Appearance of dried surface	Dark gray coating
Application temperature, °C	From +5 to + 40
Drying time	1 mm/24 hours
At + 20°C and relative air humidity of 50%	+ 140
At + 10°C and relative air humidity of 80%	50-75
Operating temperature	From – 40°C to + 60°C
Mass fraction of non-volatile substances, %	68
Consumption at a layer thickness of 4 mm, kg/m ²	6,07 kg/sq.m.