



Enamel PF-115



State Standard (GOST) 6465-76

Enamel PF-115 is a suspension of titanium dioxide of rutile form and other pigments and fillers in pentaphtalic varnish with drier and solvents.

Spheres of Application and Characteristics:

- Enamel PF-115 is used for wood, metallic and other surfaces painting, that are influenced by atmosphere as well as for inside painting.
- The scam of the enamel is proof against temperature changes from -50 to +60°C.
- The coating after enamel drying has high steadiness to wearing-off and ultra-violet rays impact.
- The enamel has high adhesion to metallic, wood and concrete surfaces, influenced by abruptly changed weather conditions.
- It is applied by any method of spraying, or with a roller or brush, spray spilling.
- The coating that consists of two layers of enamel PF-115, applied on previously prepared priming surfaces, in temperate and cold climate, safe protective properties within 4 years up to point AZ1 (max.) and decorative properties within one year up to point AD2 according to State Standard (GOST) 9.401-91.
- Enamel color-white, red, blue, dark blue, green. Coloring is possible by the request of the customer.

Technical characteristics

Name of characteristic and measure unit	Value
Appearance of dry scam	After drying the enamel must form smooth, homogeneous, without lamination, bits, run, wrinkle and foreign inclusions of the surface. Little shagreen is allowable.
Relative viscosity by flow meter-246 with nozzle diameter 4 mm at 20,0±0,5°C, sec.	60-120
Dry scam spreading capacity, g/m ² , max.	60
Non-volatile matters content, %, min.	60
Drying time to the degree 3 at 20± 2 °C, h, max.	24
Scam flexibility, mm, max.	1
Scam hardness by pendulum device (type TML) (pendulum A), standard unit, min.	0,3
Static impact resistance at 20°C, h, min.:	
- water	10
- industrial oil	24
- 0,5% detergent	15
Degree of grinding, mcm, max.	25
Adhesion, points, max.	1

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Strength at impulse, cm, min.	50
Brightness, %, min.	60
Recommended thickness of the layer, mcm	120-150
Material consumption for one-layer coating with thickness of the dry layer 140 mcm, kg/m ²	0,1

Application instruction

Before application the enamel should be mixed up to homogeneous state. During long-term storage, a little layering may occur.

For making enamel of low viscosity, it may be diluted by solvent 646, solvent, white-spirit up to the required state.

The enamel is applied on a surface free from dust, oils and other contaminations, at +5 °C (min.) and relative humidity 80% max. The surface temperature during enamel application must be 3 °C min. above drop point.

During application of the enamel baking of coating at 105-110°C within 1 hour is allowed.

Package and storage

Packaging is made according to State Standard 9980.3.

Storage is carried out according to State Standard 9980.5.

Guarantee storage term of the priming paint – 12 months from the date of manufacture.

Occupational safety and safety appliances

The enamel is a flammable material. It should be used in well ventilated rooms. Avoid inhalation, eye and skin contact.



Bureau Veritas Certification confirms that Quality Management System of InterGazSintez is examined and met the requirements of standard ISO 9001:2000 in anticorrosion, fireproof and other paints production (Certificate No. 213639 dated 12.09.07).

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Enterprise “InterGazSintez” received Certificate of Certification System UkrSepro as for the accordance of the Quality Management System of production to GOST (State Standard) ISO 9001-2001 (Certificate No. UA2.043.02607-07 dated 26.10.2007)