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ETERNALWOOD paint/varnish stain

(A) paint

(B) varnish stain

Composition paint PI-1-7 (PN-C-81901:2002)

TECHNIKAL DATA

DESCRIPTION

ETERNALWOOD paint and varnish stain are formed on a base of colourless composition paint prepared on a base of drying oils modified physically during manufacturing process. A purpose of those is the application to protective and decorative painting of building timber's surfaces. The high resistance to harsh environment conditions and strong adhesion influence consolidation of painted surfaces and protect them against biochemical destruction. The thermal resistance allow for their safety use in buildings. Varnishes PI-1-7 can be put on using standard painting techniques (spraying, paintbrush, painting roller or dipping).

PROPERTIES

Features of paint coats obtained as the result of the proper application of ETERNALWOOD varnish are following ::

- increased adhesion to all types of wood;
- exceptional abrasion resistance;
- high flexibility, impact strength, thermal shock resistance;
- fastness to water, acids, alkali, oils, petrol ;
- maintenance of the colour up to 350°C ;
- possibility*/ of putting on unprepared surfaces (moisture, pollution, fungus).

* / it requires the investor's agreement ...

Detailed technical properties of varnishes and paint coats are shown in the table of requirements :

(A) paint

(B) varnish stain

Table (A)

| NO | Requirements | Test's result | Standard requirements | Test method according to | Remarks |
|---------------------------|---------------------------------------|---------------|---------------------------------|--------------------------|---------|
| Paint requirements | | | | | |
| 1 | Density | | Parameters agreed on both sides | PN-EN ISO2811-1:2002 | |
| 2 | Outflow time | | | PN-C-81701:1997, met A | |
| 3 | Viscosity | | | PN-ISO 2555:1999 | |
| 4 | Degree of spreading, µm, no more than | | 50 | PN-EN ISO 1524 | |

Table (B)

| NO | Requirements | Test's result | Standard requirements | Test method according to | Remarks |
|---------------------------|--------------|---------------|---------------------------------|--------------------------|---------|
| Paint requirements | | | | | |
| 1 | Density | | Parameters agreed on both sides | PN-EN ISO2811-1:2002 | |
| 2 | Outflow time | | | PN-C-81701:1997, met A | |
| 3 | Viscosity | | | PN-ISO 2555:1999 | |

GUIDELINES OF PAINTING

THE WAY OF PREPARING THE PAINTING SET

Open the container and stir mechanically the content of the tin for about 5 min. Adjust viscosity of the varnish to the painting technique using the ATISOL thinner or painter's naphtha.

Clean tools and spraying devices directly after painting using any conventional solvent, but ATISOL thinner is recommended. Don't let the paint to dry up, it could damage tools and devices..

PREPARING SURFACES PRIOR TO PAINTING

The quality and the life of coating obtained as the result of application ETERNALWOOD varnish, depend, first of all, on its adhesion to the surface. Best results can be received when the wooden surface will be dry and dust free. However, many cases of application the composite paints PI-1-7 set on wooden walls painted decoratively indicate obtaining maximum parameters of the resistance and the life of coating on unprepared surfaces. In such cases it was enough to wash surfaces with a strong stream of water or water with a proper detergent for assurance the proper aesthetical quality of the coat. Good results were obtained also in the case of spreading the varnish on damp surfaces. The wood's surface should be polished before putting the second layer of paint. Every case of the industrial application should be consulted with process engineers of the producer or of the licensed representative. This service is free of charge..

PAINTING

The varnish can be sprayed using hydrodynamic or pneumatic method, a painting roller or a paintbrush can also be used to lay on the varnish. Viscosity of the varnish is regulated by ATISOL thinner for every kind of application. Received efficiency depend mainly on the method of application .

Use 1,8 – 2,5 mm jet for spraying ,spray from the distance 200-300 mm.

Required thickness of the coat, μm ("on wet") first coat 30 ± 5 , second coat 60 ± 2 ; thickness of the coat, μm ("on dry"):first coat 20 ± 5 , second coat 40 ± 5

Drying between operations up to I degree. (estimated drying time 0,5 – 1 h).

Surrounding conditions: .minimum temperature 5°C

ADDITIONAL INFORMATION

Transport codes : see The Characteristic of Dangerous Substance Card

Size of tins: 5 and 20 l;

STORAGE CONDITIONS:

The product should be kept in tightly closed containers at the well ventilated place, far away from the source of fire, oxidizing agent, strong alkalis and acids in the temperature $5 - 25^{\circ}\text{C}$.

Closed containers should be stored and transported in a vertical position..

Do not empty under pressure.

This information was created on the basis of our best knowledge and current data.