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AKUAGRUN®

Reference: **EWOP6260A**
Serie: Porta White Standard
(WQN1013K)

One component waterborne white primer

Description

One-component waterborne white primer. The product is designed for vertical and horizontal application. The product is prepared to be used in places without the drying chambers or without possibility of drying in higher temperature. Its key feature is fast antiblocking. It prepares the surface before application of white topcoat series EWOM820_A. Such a system ensures very fast drying and the possibility of quick stacking of varnished elements without risk of sticking together. The unique feature of the product is a high dry mass and a high proportion of resin in relation to the amount of fillers, thanks to which it is characterized:

- perfect hiding power even in small quantity applied,
- higher quantity applied allows to hide the structure of support,
- very good levelling
- in vertical application it levels very well without creating an unsightly structure
- fast drying, in proper conditions sanding is possible even after 30 minutes
- very easy to sand

Properties

Density: 1.36 g/cm³ ± 0.010 in 20°C
Viscosity: 900-1200 mPas by 200 obr./min. (spindle R2)
Solids: 57-59%

Conditions of application

Product for spraying (cup spraying gun, pump)
Thinner: Water (max. 5% when needed)
Temperature of application: 20°C

Drying

Air drying – temperature of drying should be in range of 15-30°C, relative humidity should be lower than 65%. It is necessary to ensure the best possible air exchange at the place of drying the lacquered elements. When the air is saturated with water, the evaporation slows down significantly that extends the drying time and stacking time – stacking of non-dried elements may result in their sticking together. Rapid temperature changes should also be avoided.

Drying in tunnel – it is necessary to ensure the gradual increase of temperature in the evaporation tunnel, which will affect the regular evaporation of the product. The air should be dry, relative humidity should be not higher than 60%. The airflow should not exceed 0,5m/min otherwise there is a risk of defects on the surface. After application it is recommended to cool the elements with air to 20°C in order to avoid sticking of the stacked elements. Ensure optimal air circulation.

Usage

The product is used in furniture industry, both for solid wood (do not use for resinous pine and oak) as well as different types of veneers. The product is especially recommended in varnishing chairs, table, legs, wooden accessories, children's furniture.

Storing and packaging

Maximal storing time: 6 months in originally closed drums.
Available sizes: 22 kg
Storing conditions: Away from sunlight, the temperature cannot be lower than 5°C and not higher than 35°C, otherwise the product loses its properties

Observations

The instructions on the label and in the safety data sheet must be strictly observed

Before the product is implemented in the production process, it is recommended to perform technological tests at the customer to evaluate the product's properties. The behaviour of the product depends on many factors during storage, preparation of the product for application and application itself, evaporation, curing and storage on which the product supplier has no direct influence.