

DKV.4171

Technical Data Sheet

Description

DKV.4171 is a cationic dispersion based on Acrylate / VeoVa™, APEO-free.

Suggested usage

DKV.4171 is a resin for the production of low-odour and solventless coatings. This cationic binder is used in pigmented or transparent wood and insulating primers for indoor and outdoor applications.

Processing

DKV.4171 is readily miscible with other components in standard mixing equipment. On account of its cationic charge, the binder may be formulated only with special cationic or non-ionic components, which must be determined by experiment. A compatibility and storage stability check are vital.

Technical data

Solids content	39-41 %
Density	approx. 1 g/ml
Viscosity (Brookfield)	1000-5000 mPa·s
pH value	5.2-5.8
Particle size	approx. 200 nm
MFFT	<5 °C
Frost resistance	no

Safety

Not a hazardous material in the sense of current legislation. Please follow the instructions on the Material Safety Data Sheet.

Delivery form

120 kg drum, 1000 kg container and tank car

Storage

The dispersion is already preserved against attack by microorganisms. This protection applies only to transport and unopened containers. For further adequate protection during continued storage in opened containers and storage tanks, appropriate preservatives should be added. Our resins should not be stored for longer than 12 months at temperatures from 5 to 30 °C prior to processing. Protect against frost and strong sunlight.

New development

This new development is currently in a trial phase. That means that there could be some changes of the manufacturing process which would lead to modifications of the specifications or product properties.

Guarantee

We guarantee the consistency and faultless quality of this product, manufactured in accordance with ISO quality standards, which has been developed on the basis of our longstanding experience with the recommended applications under the specified conditions. Material, processing and application conditions may significantly influence product properties. Pre-application tests by the user are therefore essential. For non-specified applications or deviations in application conditions, we recommend that VANORA AG technical support service be consulted first. VANORA AG general sales and delivery terms and conditions shall apply.