75355 Dispersion K 19, matt

Copolymeric fine-particle plastic dispersion based on acrylic/methacrylic acid esters, APEO-free.

Properties
The self-crosslinking dispersion is particularly characterized by excellent blocking resistance, very good alkali resistance, excellent wet adhesion, low water absorption, early water resistance, and the formation of a non-yellowing, elastic film.

Especially suitable for the formulation of waterborne clear coats and glazes, pigmented primers and top coats. Especially for application on woods and wooden windows in interior and exterior areas. For exterior applications, especially the glazes, make sure that the formulation has sufficient UV protection as well as algicidal and fungicidal properties.

Technical data

Solids content	approx. 41 ± 1,0 %
pH value	7.0 - 8.0
Particle size	< 0,1 µm
Emulsifier system	anionic / non-ionic
Viscosity (Brookfield LV spindle 3, 60 rpm)	50 - 300 mPa.s
Minimum film forming temperature (MFT)	approx. 0°C

Pigmentation
Dispersion K 19 can be easily processed with the wetting agents, defoamers, pigments, pigment preparations and fillers commonly used for wood coatings.

Thickeners
The dispersion can be processed with most commercially available thickeners, PU thickeners are particularly suitable.

Compatibility
Dispersion K 19 can be mixed with other dispersions. However, due to the variety of products available, a compatibility and storage stability test is absolutely necessary.

Coalescing agent
Due to the low MFT, the use of film forming aids is not absolutely necessary. To optimize the application properties of the final product, the use of solvents can be helpful.

Suitable solvents are butyl glycol, butyl diglycol, propylene glycol or glycol ether.

Storage
The dispersion should be stored at as constant a temperature as possible in the range +5°C to +25°C.
Make sure that the containers are tightly closed and that the air in the storage tank is saturated with moisture.
The dispersion must be protected from frost and strong sunlight.
The dispersion is protected against bacterial attack. This protection refers only to transport. To ensure that the product is also protected against microorganisms during storage, a suitable preservative must be added and sufficient cleanliness of the tanks and pipelines must be ensured.

Depending on the storage time and storage conditions, the technical data may deviate from the data confirmed by the quality control in the test certificate and the data stated in this data sheet.

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