

RHEOBYK-M 2600 VF

VOC-free associative thickener (HEUR) for aqueous systems to generate a balanced flow behavior.

Product data

Composition

Solution of a polyurethane

VOC-free
(**< 1500 ppm**)

Typical properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Density (20 °C): 1.04 g/ml
 pH value: 8 ± 1
 Active substance: 20 %
 Solvents: water

Storage and transportation

Mix well before use. Transport and store in a dry place, in an unopened original container, at temperatures between 5 °C and 35 °C.

Applications

Coatings industry

Special features and benefits

RHEOBYK-M 2600 VF significantly increases the viscosity in the medium shear range. Using the additive reduces spattering during application and greater layer thicknesses can be achieved, which also have good leveling. The additive is liquid and therefore easy to handle. It is not necessary to adjust the pH value or control the temperature during incorporation.

Recommended use

RHEOBYK-M 2600 VF is used in various aqueous systems that are based on acrylic, styrene acrylic, polyvinyl acetate binders as well as in PU and alkyd emulsions and epoxy dispersions.

Architectural coatings	■
Wood and furniture coatings	■
Marine and protective coatings	■

■ especially recommended □ recommended

Recommended levels

0.4–2 % additive (as supplied) based upon the total formulation, depending on the properties of the formulation to be achieved.

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

Incorporation and processing instructions

Addition under stirring ensures optimum distribution and the best possible effectiveness and reproducibility in applications. RHEOBYK-M 2600 VF is suitable for adding to the millbase, to the letdown product, or as a post additive to retroactively adjust the rheological properties.

Adhesives and sealants**Special features and benefits**

RHEOBYK-M 2600 VF increases the viscosity in the medium shear range with little impact on the high shear range. This optimizes the storage stability. The usage of RHEOBYK-M 2600 VF improves the processing properties and results in an excellent balance between flowability and leveling. The additive is liquid and therefore easy to handle. No pH value adjustment or temperature control is required during incorporation.

Recommended use

RHEOBYK-M 2600 VF is used in various aqueous systems based on acrylic, styrene acrylic, and polyvinyl acetate binders, as well as in PU and styrene butadiene latex systems.

Recommended levels

0.4–3 % additive (as supplied) based upon the total formulation, depending on the properties of the formulation to be achieved.

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

Incorporation and processing instructions

Addition while stirring ensures optimum distribution and the best possible effectiveness and reproducibility in applications. RHEOBYK-M 2600 VF can be added directly to the formulation or used as a post-additive for subsequent adjustment of the rheological properties.

Leather finishes and coated fabrics**Special features and benefits**

RHEOBYK-M 2600 VF significantly increases the viscosity in the medium shear range. Using the additive reduces spattering during spray application and greater film thicknesses can be achieved, which also have good leveling. The additive is liquid and therefore easy to handle. It is not necessary to adjust the pH value or control the temperature during incorporation.

Recommended use

RHEOBYK-M 2600 VF is preferably used in emulsion paints and coatings that are based on acrylic, vinyl acetate copolymer binders as well as in PUDs.

Leather finishes	■
Coated fabrics	■

■ especially recommended □ recommended

Recommended levels

0.4–2 % additive (as supplied) based upon the total formulation, depending on the properties of the formulation to be achieved.

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

Incorporation and processing instructions

Addition while stirring ensures optimum distribution and the best possible effectiveness and reproducibility in applications. RHEOBYK-M 2600 VF is suitable for adding to the millbase, to the letdown product, or as a post-additive to retroactively adjust the rheological properties.



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