

RHEOBYK-H 600

Associative thickener (HEAT) for aqueous systems to generate a highly pseudoplastic flow behavior.

Product Data

Composition

Solution of an aminoplast polyethylene glycol

Typical Properties

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

Density (20 °C):	1.03 g/ml
Non-volatile matter (10 min., 150 °C):	17.5 %
Solvents:	Water/Butyl diglycol, 81/19
pH value:	8 ± 1

Food Contact Legal Status

For the current food contact legal status, please contact our product safety department or visit www.byk.com for further information.

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.

Special Note

We recommend the use of RHEOBYK-H 600 VF for VOC-free applications.

Applications

Coatings Industry

Special Features and Benefits

RHEOBYK-H 600 increases viscosity in the low shear range and thereby improves the sagging tendency and the storage stability. The additive is liquid and therefore easy to handle. It is not necessary to specifically adjust the pH value or control the temperature during incorporation. When combined with rheology additives which are effective in the high shear range, such as the RHEOBYK-L/T series, it enables an optimum processability.

Recommended Use

RHEOBYK-H 600 is preferably used in emulsion paints that are based on acrylate, styrene acrylate, PVA and VAE resins. It is particularly suitable for coatings which are applied using airless application.

Architectural coatings	
Protective coatings	
Wood and furniture coatings	

 especially recommended  recommended

Recommended Levels

0.3-2 % additive (as supplied) based on the total formulation, depending on the properties of the formulation to be achieved.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Incorporation and Processing Instructions

Addition under stirring ensures optimum distribution and the best possible effectiveness and reproducibility in applications. RHEOBYK-H 600 is suitable for adding to the millbase, to the letdown product, or as a post-additive to retroactively adjust the rheological properties.



Additive Guide



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