

# RHEOBYK-H 7500 VF

VOC-free associative thickener (HEUR) for aqueous systems, especially for spray applications, to generate a highly pseudoplastic flow behavior.

## Product data

### Composition

Solution of a polyurethane

### Typical properties

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

Active substance: 17.5 %  
Density (20 °C): 1.05 g/ml  
Solvents: Water  
pH value:  $8 \pm 1$

### 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-H 7500 VF significantly increases the viscosity in the low shear range. It reduces sagging and increases storage stability. The additive is liquid and therefore easy to handle. It is not necessary to 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 7500 VF has been specifically developed for emulsion paints that are based on VAE binders. It can also be used in emulsion paints and coatings which are based on acrylate, styrene acrylate and vinyl acetate.

Architectural coatings	■
Wood and furniture coatings	■
Protective coatings	■

■ especially recommended    □ recommended

**Recommended levels**

0.3-1.25 % additive (as supplied) based upon the total formulation, depending on the properties of the formulation to be achieved. In exceptional cases, the dosage can be increased to 2 %.

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. RHEOBYK-H 7500 VF is suitable for adding to the millbase, to the letdown product, or as a post additive to retroactively adjust the rheological properties.



**BYK-Chemie GmbH**  
P.O. Box 10 02 45  
46462 Wesel  
Germany  
Tel +49 281 670-0  
Fax +49 281 65735

**info@byk.com**  
**www.byk.com**

ADD-MAX®, ADD-VANCE®, ADJUST®, ADVITROL®, ANTI-TERRA®, AQUACER®, AQUAMAT®, AQUATIX®, BENTOLITE®, BYK®, BYK®-DYNWET®, BYK®-MAX®, BYK®-SILCLEAN®, BYKANOL®, BYKETOL®, BYKJET®, BYKO2BLOCK®, BYKOPLAST®, BYKUMEN®, CARBOBYK®, CERACOL®, CERAFAC®, CERAFLOUR®, CERAMAT®, CERATIX®, CLAYTONE®, CLOISITE®, DISPERBYK®, DISPERPLAST®, FULACOLOR®, FULCAT®, GARAMITE®, GELWHITE®, HORDAMER®, LACTIMON®, LAPONITE®, MINERAL COLLOID®, MINERPOL®, NANOBYK®, OPTIBENT®, OPTIFLO®, OPTIGEL®, POLYAD®, PRIEX®, PURE THIX®, RECYCLOBLEND®, RECYCLOBYK®, RECYCLOSSORB®, RECYCLOSTAB®, RHEOBYK®, RHEOCIN®, RHEOTIX®, SCONA®, SILBYK®, TIXOGEL®, VISCOBYK® and Y 25® are registered trademarks of the BYK group.

The information herein is based on our present knowledge and experience. The information merely describes the properties of our products but no guarantee of properties in the legal sense shall be implied. We recommend testing our products as to their suitability for your envisaged purpose prior to use. No warranties of any kind, either express or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding any products mentioned herein and data or information set forth, or that such products, data or information may be used without infringing intellectual property rights of third parties. We reserve the right to make any changes according to technological progress or further developments.

This issue replaces all previous versions.