

# RHEOBYK-7600

VOC-, APEO- and tin-free associative thickener (HEUR) for aqueous systems, to generate a highly pseudoplastic flow behavior.

## Product data

### Composition

Solution of a hydrophobic modified polyurethane (HEUR)

APEO-free,  
tin-free

### Typical properties

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

Density (20 °C): 1.04 g/cm<sup>3</sup>

Active substance: 15 %

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-7600 considerably increases the viscosity in the low shear range, stabilizes the viscosity when adding the colorant, and improves the color acceptance. Considerable anti-sagging in conjunction with a good leveling is achieved. The additive is liquid and, due to its composition, it is also very compatible with the systems, which makes it easy to incorporate and handle. The sagging tendency and the storage stability are improved. 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, it enables an optimum processability.

#### Recommended use

Architectural coatings	<input checked="" type="checkbox"/>
Protective coatings	<input checked="" type="checkbox"/>
Wood and furniture coatings	<input type="checkbox"/>
Industrial coatings	<input type="checkbox"/>

☒ especially recommended ☐ recommended

**Recommended levels**

0.1–1.5 % additive (as supplied) based on 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. 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-7600 is suitable for adding to the millbase, to the letdown product, or to retroactively adjust the rheological properties.



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This issue replaces all previous versions.