

RHEOBYK-7601

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

Product data

Composition

Solution of polyurethane

VOC-free (< 1500 ppm)
 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): 1.05 g/cm³
 Active substance: 15 %
 Solvent: water
 Flash point: > 100 °C
 Delivery form: liquid

Storage and transportation

Product shelf life in unopened original packaging: 18 months
 Stir before use. To be stored and transported at a temperature below 40 °C.

Applications

Coatings industry

Special features and benefits

- Creates a thixotropic flow behavior
- Increases the compatibility and acceptance of color pastes
- Stabilizes the system viscosity when tinting
- Reduces sagging and improves the leveling in coatings
- Increases the storage stability of the systems
- Easy to incorporate
- No need for temperature control or pH value adjustment

Recommended use

Architectural coatings	☒
Marine and protective coatings	☒
Wood and furniture coatings	☐
General industrial coatings	☐

☒ 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-7601 is suitable for incorporating in the millbase, in the letdown product, or for post-addition.



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