OPTIGEL-WH

Rheology additive based on an activated phyllosilicate to generate thixotropic flow behavior in aqueous systems.

Only available in North America.

Product data

Composition
Activated phyllosilicate

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

Bulk density:	550-750 kg/m³
Water content:	max. 13 %
Delivery form:	powder

Storage and transportation
Product shelf life in unopened original packaging: 36 months
Moisture sensitive. Store dry.

Applications

Coatings industry

Special features and benefits

- Creation of thixotropic flow behavior
- Improvement of
  - Storage stability by preventing the settling of solids
  - Processing properties
  - Sag resistance
- Enables greater film thicknesses
- Stable against diluted bases and common diluted acids

Recommended use
OPTIGEL-WH is suitable for a variety of aqueous coating systems, as well as for pigment concentrates.

Architectural coatings	■
Floor coatings	■

■ Especially recommended ▢ Recommended

Recommended levels

0.1-3.0 % 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. The optimum dosage should be determined by application-related test series.

Incorporation and processing instructions

OPTIGEL-WH should be added to the millbase along with the pigments and fillers. This ensures optimal activation, dispersion, and development of the desired thixotropic flow behavior. If post-addition is necessary, a pregel can be prepared prior to incorporation. Preparing a pregel helps ensure proper swelling and prevents insufficient activation and formation of lumps when adding the product later in the process.

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