

# OPTIBENT-6018

High-quality, untreated natural phyllosilicate with high degree of whiteness, high specific surface and a high degree of fineness for aqueous construction systems.

## Product Data

### Composition

Modified phyllosilicate

### Typical Properties

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

pH value (2%): ca. 9-11  
Bulk density: 200-300 kg/m<sup>3</sup>  
Moisture content: max. 12 %  
Supplied as: free-flowing, white powder

### Food Contact Legal Status

For the current food contact legal status, please contact our product safety department or visit [www.byk.com](http://www.byk.com) for further information.

### Storage and Transportation

The product is slightly hygroscopic and should be transported and stored dry in the unopened original container at temperatures between 0 °C (32 °F) and 30 °C (86 °F).

## Applications

### Construction industry

#### Special Features and Benefits

OPTIBENT-6018 is characterized by an extremely high degree of whiteness and fineness, and develops only a slight processing viscosity without any post-thickening. The outstanding fineness means that the product can be used as a filler. The additive achieves a particularly good lubricating effect in the system that has a positive impact on the ease of processing.

#### Recommended Use

OPTIBENT-6018 is highly suited to thin-layered applications, particularly for dispersion-based and mineral-based systems that require a consistent and fine particle size distribution.

Dispersion based finishing coats	<input type="checkbox"/>
Smoothing mortars	<input checked="" type="checkbox"/>
Jointing compounds	<input checked="" type="checkbox"/>

☒ especially recommended   ☐ recommended

### Recommended Levels

0.3-1.0% additive (as supplied) based upon 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

OPTIBENT-6018 is hydrophilic and can be added as supplied to the dry mix mortar formulation.



Additive Guide



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