

# OPTIBENT-1248

High-quality powdered rheology additive with high degree of whiteness based on an activated phyllosilicate for aqueous, hydraulically hardening binder systems, particularly stucco and textural coatings. Extends the open time, especially in systems based on white cement.

## 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: 700-900 kg/m<sup>3</sup>  
Moisture content: max. 14%  
Supplied as: free-flowing, gray-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-1248 significantly improves the processing properties and thereby the surface structure in thin layer systems such as stucco. In addition, the product extends the setting process or prolongs the open time.

#### Recommended Use

OPTIBENT-1248 is suitable for aqueous mineral binder systems, preferably for systems that are based on rapid-cure binders.

ETICS/adhesives and reinforcement mortars	<input checked="" type="checkbox"/>
Stucco/textural coatings	<input checked="" type="checkbox"/>
Smoothing mortars	<input type="checkbox"/>

☒ especially recommended   ☐ recommended

### Recommended Levels

0.1-0.3% 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-1248 is hydrophilic and can be added as supplied to the dry mix mortar formulation.



Additive Guide



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